OPERATION GUIDE

FS-1025MFP
FS-1120MFP/FS-1125MFP
FS-1320MFP/FS-1325MFP

Ecosys®

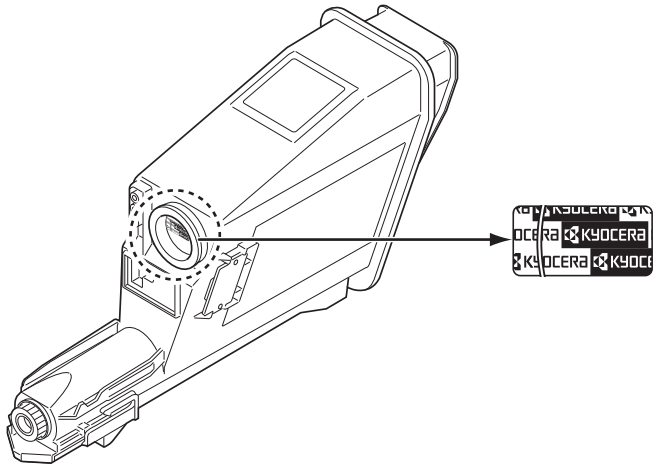
KYOCERA

This Operation Guide is for models FS-1025MFP, FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.

This Operation Guide is intended to help you operate the machine correctly, perform routine maintenance and take a simple troubleshooting action as necessary, so that you can always use the machine in good condition.

We recommend the use of our own brand supplies. We will not be liable for any damage caused by the use of third party supplies in this machine.

A label shown in the illustration assures that the supplies are our own brand.



Included Guides

The following guides are supplied with the machine. Refer to them as necessary.

Quick Installation Guide	Describes the procedures for installation of the machine.
Safety Guide	Provides safety and cautionary information for the installation and use of the machine. Be sure to read this guide before using the machine.
Safety Guide (FS-1020MFP/FS-1025MFP/FS-1120MFP/ FS-1125MFP/FS-1220MFP/FS-1320MFP/ FS-1325MFP)	Describes the machine installation space, cautionary space, and other information. Be sure to read this guide before using the machine.

Product Library disc

Operation Guide (This Guide)	Describes how to load paper, basic copy, print and scan operations, and troubleshooting.
KYOCERA Client Tool User Guide	Describes how to use KYOCERA Client Tool. KYOCERA Client Tool is a software program that is installed on your computer to enable you to configure machine settings.
Printer Driver User Guide	Describes how to install the printer driver and use printer functionality.
KYOCERA Net Viewer User Guide	Describes how to monitor the network printing system with KYOCERA Net Viewer.
FAX Driver User Guide	Describes how to install and use the FAX Driver in order to use FAX Driver functionality.

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Legal and Safety Information

CAUTION NO LIABILITY IS ASSUMED FOR ANY DAMAGE CAUSED BY IMPROPER INSTALLATION.

Notice

The information in this guide is subject to change without notification. Additional pages may be inserted in future editions. The user is asked to excuse any technical inaccuracies or typographical errors in the present edition.

No responsibility is assumed if accidents occur while the user is following the instructions in this guide. No responsibility is assumed for defects in the machine's firmware (contents of its read-only memory).

This guide, and any copyrightable subject matter sold or provided with or in connection with the sale of the machine, are protected by copyright. All rights are reserved. Copying or other reproduction of all or part of this guide, or any copyrightable subject matter without the prior written consent of KYOCERA Document Solutions Inc. is prohibited. Any copies made of all or part of this guide, or any copyrightable subject must contain the same copyright notice as the material from which the copying is done.

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Microsoft, MS-DOS, and Windows are registered trademarks of Microsoft Corporation in the U.S.A. and/or other countries.

ENERGY STAR is a U.S. registered mark.

All other brand and product names are registered trademarks or trademarks of their respective companies.

Compliance and Conformity

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- The use of a non-shielded interface cable with the referenced device is prohibited.

CAUTION — The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of FCC Rules.

Operation is subject to the following two conditions; (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

* The above warning is valid only in the United States of America.

Interface connectors

IMPORTANT Be sure to power off the machine before connecting or disconnecting an interface cable. For protection against static electricity discharge to the machine's internal electronics through the interface connector(s), cover any interface connector that is not in use with the protective cap supplied.

Note Use shielded interface cables.

CDRH Regulations

The Center for Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration implemented regulations for laser products on August 2, 1976. These regulations apply to laser products manufactured after August 1, 1976. Compliance is mandatory for products marketed in the United States. A label indicating compliance with the CDRH regulations must be attached to laser products marketed in the United States.

Canadian Department of Communications Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité aux normes du ministère des Communications du Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Safety Instructions Regarding the Disconnection of Power

Caution: The power plug is the main isolation device! Other switches on the equipment are only functional switches and are not suitable for isolating the equipment from the power source.

VORSICHT: Der Netzstecker ist die Hauptisoliervorrichtung! Die anderen Schalter auf dem Gerät sind nur Funktionsschalter und können nicht verwendet werden, um den Stromfluß im Gerät zu unterbrechen.

Energy Saving Control Function

To reduce energy consumption while in a waiting state, the device comes equipped with an energy saving control function for switching to **Sleep Mode** as well as **Power Off Mode** where power consumption is automatically reduced to a minimum after a certain amount of time elapses since the device was last used.

Sleep Mode

The device automatically enters Sleep Mode when approximately 1 minute has passed since the device was last used. The amount of time of no activity that must pass before Sleep Mode is activated may be lengthened by changing the Auto sleep setting. For details, refer to *Device Defaults Tab* on page *2-50*.

Power Off Mode

The device automatically turns its power off when 1 hour has passed since the device was last used. The amount of time of no activity that must pass before Power Off Mode is activated may be lengthened by changing the Power Off Timer setting. For details, refer to *Device Defaults Tab* on page *2-50*.

In case of not using the machine for an extended period of time

CAUTION If this machine will be left unused for an extended period (e.g. overnight), turn it off at the power switch. If the machine will not be used for an even longer period of time (e.g. vacation), remove the power plug from the outlet as a safety precaution. If the optional Fax kit is installed, note that turning the machine off at the main power switch disables fax transmission and reception.

CAUTION Remove paper from the cassettes and seal it in the paper storage bag to protect it from humidity.

Duplex Printing (FS-1025MFP, FS-1125MFP and FS-1325MFP)

This machine includes duplex printing as a standard function. For example, by printing two single-sided originals onto a single sheet of paper as a duplex printing, it is possible to lower the amount of paper used.

Printing in duplex mode reduces paper consumption and contributes to the conservation of forest resources. Duplex mode also reduces the amount of paper that must be purchased, and thereby reduces cost. It is recommended that machines capable of duplex printing be set to use duplex mode by default.

Resource Saving - Paper

For the preservation and sustainable use of forest resources, it is recommended that recycled as well as virgin paper certified under environmental stewardship initiatives or carrying recognised ecolabels, which meet EN 12281:2002*[1] or an equivalent quality standard, be used.

This machine also supports printing on 64 g/m² paper. Using such paper containing less raw materials can lead to further saving of forest resources.

*1: EN12281:2002 "Printing and business paper - Requirements for copy paper for dry toner imaging processes"

Your sales or service representative can provide information about recommended paper types.

Environmental benefits of "Power Management"

To reduce power consumption when idle, this machine is equipped with a power management function that automatically activates energy-saving mode when the machine is idle for a certain period of time. Although it takes the machine a slight amount of time to return to READY mode when in energy-saving mode, a significant reduction in energy consumption is possible.

It is recommended that the machine be used with the activation time for energy-saving mode set to the default setting.

Energy Star (ENERGY STAR®)

We have determined as a company participating in ENERGY STAR® that this product has earned the ENERGY STAR®.

ENERGY STAR® is a voluntary energy efficiency program with the goal of developing and promoting the use of products with high energy efficiency in order to help prevent global warming. By purchasing ENERGY STAR® qualified products, customers can help reduce emissions of greenhouse gases during product use and cut energy-related costs.

Legal Restriction on Copying/Scanning

It may be prohibited to copy/scan copyrighted material without permission of the copyright owner.

Copying/Scanning the following items is prohibited and may be penalized by law. It may not be limited to these items. Do not knowingly copy/scan the items that are not to be copied/scanned.

- Paper money
- Bank note
- Securities
- Stamp
- Passport
- Certificate

Local laws and regulations may prohibit or restrict copying/scanning of other items not mentioned above.

FCC PART 68 REQUIREMENTS

1 This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the rear side of the equipment to install Assembly Board is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.

2 This equipment connects to the network via USOC RJ11C.

3 A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

4 The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

5 If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

6 The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

7 If trouble is experienced with this equipment, please contact the following company for repair and (or) warranty information:

KYOCERA Document Solutions America, Inc.
225 Sand Road,
Fairfield, New Jersey 07004-0008, USA
Phone: +1-973-808-8444
Fax: +1-973-882-6000

If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

8 This equipment cannot be used on public coin service provided by the telephone company. Connection to Party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

9 If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

10 The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including FAX machines, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.)
In order to program this information into your FAX machine, you should complete the following steps: (Insure that it will be transmitted, see *Local FAX Name* on page *7-3*, *Local FAX Number* on page *7-4*, *TTI (Transmit Terminal Identification)* on page *7-3* and *Setting Date and Time* on page *7-2*.)

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

CAUTION: To reduce the risk of fire, use only No.26 AWG or larger UL listed or CSA certified telecommunication line cord.

1. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

SAVE THESE INSTRUCTIONS

IMPORTANTES MESURES DE SECURITE

Certaines mesures de sécurité doivent être prises pendant l'utilisation de matériel téléphonique afin de réduire les risques d'incendie, de choc électrique et de blessures. En voici quelques unes:

1. Ne pas utiliser l'appareil près de l'eau, p. ex., près d'une baignoire, d'un lavabo, d'un évier de cuisine, d'un bac à laver, dans un sous-sol humide ou près d'une piscine.
2. Eviter d'utiliser le téléphone (sauf s'il s'agit d'un appareil sans fil) pendant un orage électrique. Ceci peut présenter un risque de choc électrique causé par la foudre.
3. Ne pas utiliser l'appareil téléphonique pour signaler une fuite de gaz s'il est situé près de la fuite.
4. Utiliser seulement le cordon d'alimentation et le type de piles indiqués dans ce manuel. Ne pas jeter les piles dans le feu: elles peuvent exploser. Se conformer aux règlements pertinents quant à l'élimination des piles.

CONSERVER CES INSTRUCTIONS

Declarations to European Directives

DECLARATION OF CONFORMITY TO 2004/108/EC, 2006/95/EEC, 93/68/EEC, 1999/5/EC and 2009/125/EC

We declare under our sole responsibility that the product to which this declaration relates is in conformity with the following specifications.

Limits and methods of measurement for immunity characteristics of information technology equipment	**EN55024**
Limits and methods of measurement for radio interference characteristics of information technology equipment	**EN55022 Class B**
Limits for harmonic currents emissions for equipment input current ≦ 16A per phase	**EN61000-3-2**
Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current ≦ 16A	**EN61000-3-3**
Safety of information technology equipment, including electrical business equipment	**EN60950-1**
Terminal Equipment (TE); Attachment requirements for pan-European approval for connection to the analogue Public Switched Telephone Networks (PSTNs) of TE (excluding TE supporting the voice telephony service) in which network addressing, if provided, is by means of Dual Tone Multi Frequency (DTMF) signalling	**TBR 21**

Safety Conventions in This Guide

The sections of this guide and parts of the machine marked with symbols are safety warnings meant to protect the user, other individuals and surrounding objects, and ensure correct and safe usage of the machine. The symbols and their meanings are indicated below.

WARNING: Indicates that serious injury or even death may result from insufficient attention to or incorrect compliance with the related points.

CAUTION: Indicates that personal injury or mechanical damage may result from insufficient attention to or incorrect compliance with the related points.

The following symbols indicate that the related section includes safety warnings. Specific points of attention are indicated inside the symbol.

.... [General warning]

.... [Warning of high temperature]

The following symbols indicate that the related section includes information on prohibited actions. Specifics of the prohibited action are indicated inside the symbol.

.... [Warning of prohibited action]

.... [Disassembly prohibited]

The following symbols indicate that the related section includes information on actions which must be performed. Specifics of the required action are indicated inside the symbol.

.... [Alert of required action]

.... [Remove the power plug from the outlet]

.... [Always connect the machine to an outlet with a ground connection]

Please contact your service representative to order a replacement if the safety warnings in this Operation Guide are illegible or if the guide itself is missing. (fee required)

Note An original which resembles a bank note closely may not be copied properly in some rare cases because this machine is equipped with a counterfeiting prevention function.

Environment

The service environmental conditions are as follows:

- Temperature: 50 to 90.5 °F (10 to 32.5 °C)
- Humidity: 15 to 80 %

However, adverse environmental conditions may affect the image quality. Avoid the following locations when selecting a site for the machine.

- Avoid locations near a window or with exposure to direct sunlight.
- Avoid locations with vibrations.
- Avoid locations with drastic temperature fluctuations.
- Avoid locations with direct exposure to hot or cold air.
- Avoid poorly ventilated locations.

If the floor is delicate against casters, when this machine is moved after installation, the floor material may be damaged.

During printing, some ozone is released, but the amount does not cause any ill effect to one's health. If, however, the machine is used over a long period of time in a poorly ventilated room or when printing an extremely large number of copies, the smell may become unpleasant. To maintain the appropriate environment for print work, it is suggested that the room be properly ventilated.

Cautions when Handling Consumables

Do not attempt to incinerate parts which contain toner. Dangerous sparks may cause burns.

Keep parts which contain toner out of the reach of children.

If toner happens to spill from parts which contain toner, avoid inhalation and ingestion, as well as contact with your eyes and skin.

- If you do happen to inhale toner, move to a place with fresh air and gargle thoroughly with a large amount of water. If coughing develops, contact a physician.
- If you do happen to ingest toner, rinse your mouth out with water and drink 1 or 2 cups of water to dilute the contents of your stomach. If necessary, contact a physician.
- If you do happen to get toner in your eyes, flush them thoroughly with water. If there is any remaining tenderness, contact a physician.
- If toner does happen to get on your skin, wash with soap and water.

Do not attempt to force open or destroy parts which contain toner.

Other precautions

After use, always dispose of the Toner Container in accordance with Federal, State and Local rules and regulations.

Store all consumables in a cool, dark location.

If the machine will not be used for an extended period of time, remove the paper from the cassette, return it to its original package and reseal it.

About the Operation Guide

This Operation Guide contains the following chapters:

1 Machine Parts

This chapter lists the names of different machine parts.

2 Preparation

This chapter explains how to start up the machine, load paper and originals, and use the application software included in the *Product Library* disc.

3 Copying

This chapter explains the functions you can use when copying.

4 Printing

This chapter explains the printing procedure from an application software.

5 Scanning

This chapter explains the functions you can use when scanning originals.

6 Default Setting (System Menu)

This chapter explains how to use the System Menu to configure the machine.

7 FAX Operations

This chapter explains the functions you can use when faxing.

8 Maintenance

This chapter explains how to replace the toner container and how to care for your machine.

9 Troubleshooting

This chapter explains how to handle machine problems that may occur, such as paper jams.

10 Appendix

This chapter explains how to enter characters, and lists the machine specifications.

Conventions in This Guide

This manual uses the following conventions.

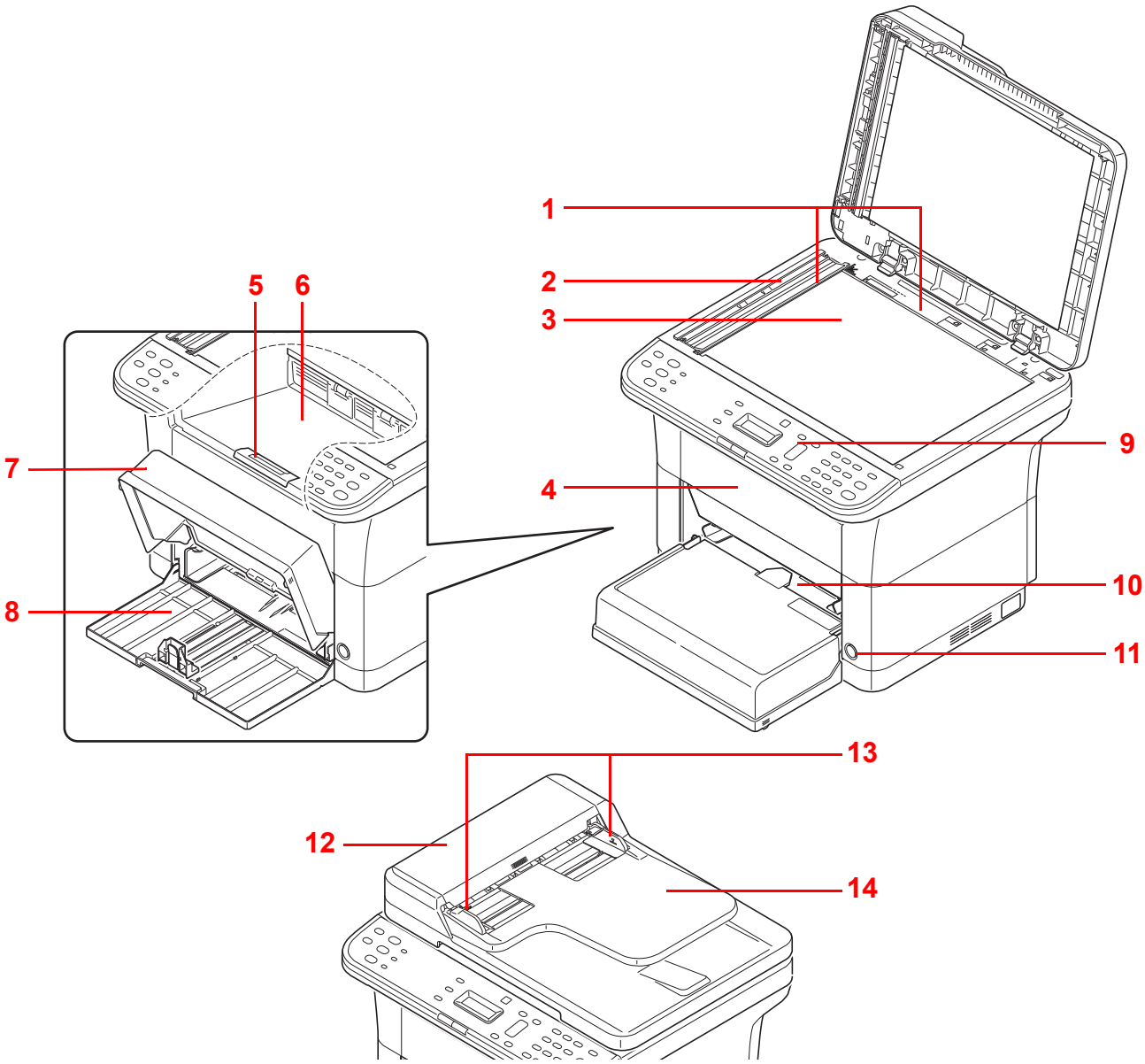
Convention	Description	Example
Italic Typeface	Used to emphasize a key word, phrase or reference to additional information.	Refer to *Connections* on page *2-2*.
Bold	Used to denote buttons on the software.	To start printing, click **OK**.
Bracket Bold	Used to denote operation panel keys.	Press **[Start]** to start copying.
`Courier`	Indicates characters entered in the message display on the operation panel.	`Ready to Copy.` appears in the message display on the operation panel.
Note	Used to provide additional or useful information about a function or feature.	**Note** Do not remove the toner container from the carton until you are ready to install it in the machine.
Important	Used to provide important information.	**IMPORTANT** Take care not to touch the drum and transfer roller (black) during cleaning.
Caution	Used to suggest mechanical damage as a result of an action.	**CAUTION** When removing a paper jam, pull the paper gently so as not to tear it. Torn pieces of paper are difficult to remove and may be easily overlooked, deterring the paper jam recovery.
Warning	Used to alert users to the possibility of personal injury.	**WARNING** If you are shipping the machine, remove and pack the developer unit and drum unit in a plastic bag and ship them separately from the machine.

1 Machine Parts

This chapter explains the following topics:

Front Machine Components 1-2
Rear Machine Components 1-3
Operation Panel 1-4

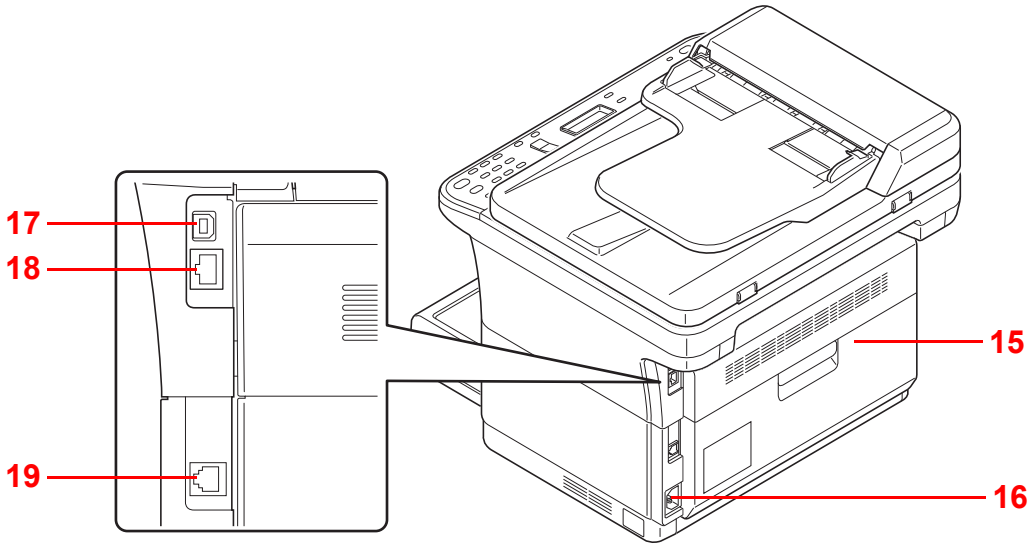
Front Machine Components



1 Original Size Indicator Plates
2 Slit Glass
3 Platen
4 Front Cover
5 Paper Stopper
6 Inner Tray
7 Cassette Cover
8 Cassette
9 Operation Panel
10 Manual Feed Tray (FS-1025MFP, FS-1125MFP and FS-1325MFP)
11 Power Switch
12 Document Processor
13 Original Width Guides
14 Original Table

* The illustration shows the FS-1125MFP.

Rear Machine Components



15 Rear Cover
16 Power Cord Connector
17 USB Interface Connector
18 Network Interface Connector (FS-1025MFP, FS-1125MFP and FS-1325MFP)
19 LINE Connector (FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP)

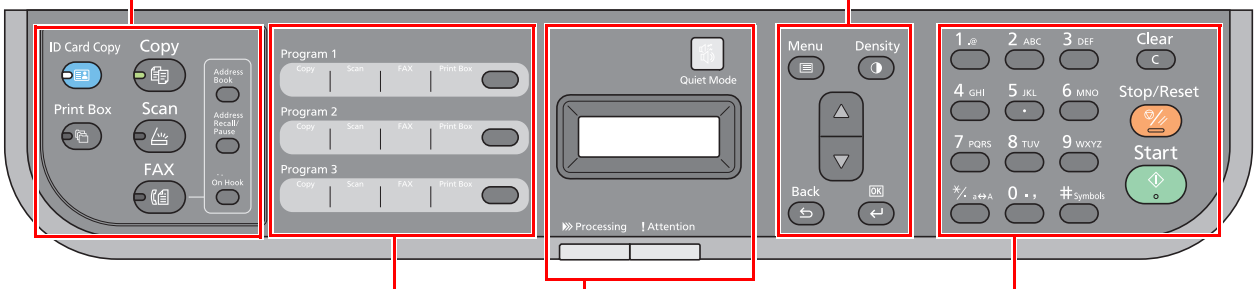
* The illustration shows the FS-1125MFP.

Operation Panel

[Copy] key	Displays the Copy screen.
[Scan] key	Displays the Scan screen.
[FAX] key*	Displays the FAX screen.
[Print Box] key	Displays the Print Box screen.
[ID Card Copy] key	Displays the ID Card Copy screen.
[Address Book] key*	Displays the Address Book screen, where you can add destinations.
[Address Recall/Pause] key*	Calls the previous destination. Also used to enter a pause when entering a FAX number.
[On Hook] key*	Switches between on-hook and off-hook when manually sending a FAX.

* Only on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.

[Menu] key	Displays functions and the System Menu.
[Density] key	Displays the density setting screen.
[▲] key / **[▼]** key	Increments or decrements numbers, or selects menu in the message display. In addition, moves the cursor when entering the characters.
[Back] key	Returns to the previous display.
[OK] key	Finalizes a function or menu, and numbers that have been entered.



[Program 1] - **[Program 3]** key	Calls up the settings that are registered in **[Program 1]** - **[Program 3]**.

[Quiet Mode] key		Turns on Quiet Mode. **Quiet Mode** If you prefer quiet operation, press **[Quiet Mode]** to turn on Quiet Mode. When Quiet Mode is on, the print speed is slower.
Message Display		Displays the setting menu, machine status, and error messages.
Processing Indicator (Green)	Flashing	The machine is processing data.
	Very slow (5-second interval) flashing	The machine is in sleep mode.
Attention Indicator (Amber)		Lights or flashes when an error occurs.

Numeric keys	Enter numbers and symbols.
[Clear] key	Clears entered numbers and characters.
[Stop/Reset] key	• Cancels the printing job in progress. • Returns settings to their default states. • Hold down two seconds to pause printing. Hold down two seconds again to resume printing.
[Start] key	Starts copying, scanning, and FAX transmission operations.

2 Preparation

This chapter explains the following topics:

Connections 2-2
Loading Paper 2-5
Loading Originals 2-18
Installing and Uninstalling Drivers and Utilities 2-20
Machine Settings 2-26
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Printing the Status Page 2-58

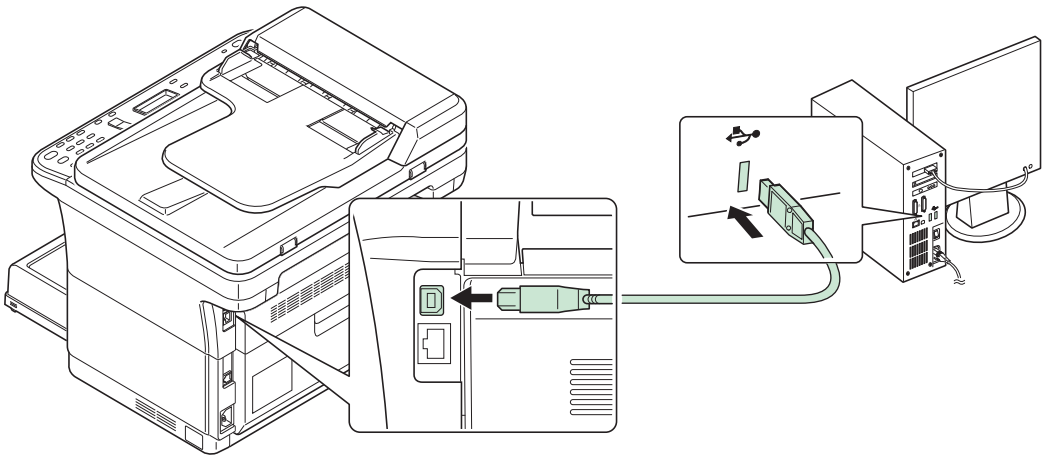
Connections

This section explains how to start up the machine.

Connecting the USB Cable

Follow the steps as below for connecting the USB cable.

1 Connect the USB cable to the machine's USB interface connector.



Note Use a USB cable with a rectangular Type A plug and a square Type B plug. The USB cable should be shielded and no longer than 5 meters (16 feet) long.

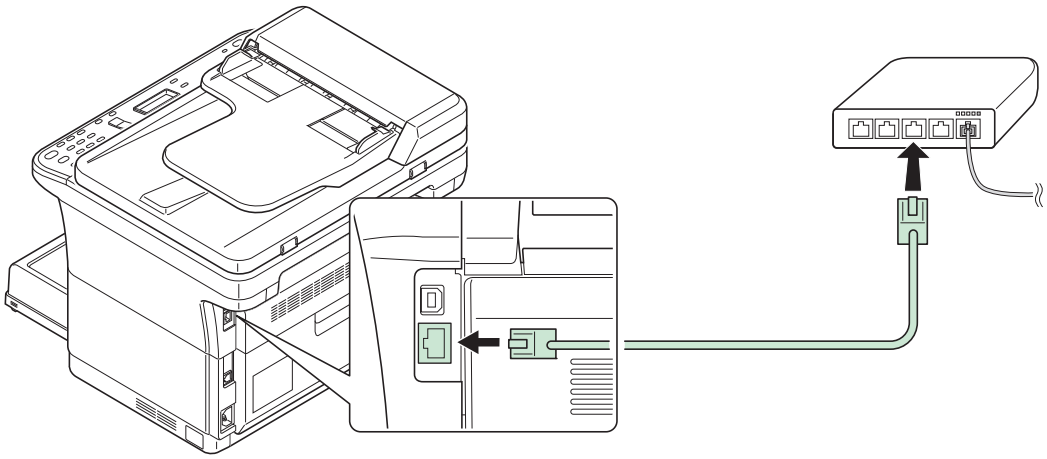
2 Connect the other end of the USB cable to the computer's USB interface connector.

Connecting the Network Cable (FS-1025MFP, FS-1125MFP and FS-1325MFP)

Follow the steps as below for connecting the network cable.

1 Connect the network cable (not included) to the machine's network interface connector.

2 Connect the other end of the cable to the PC or your network device.

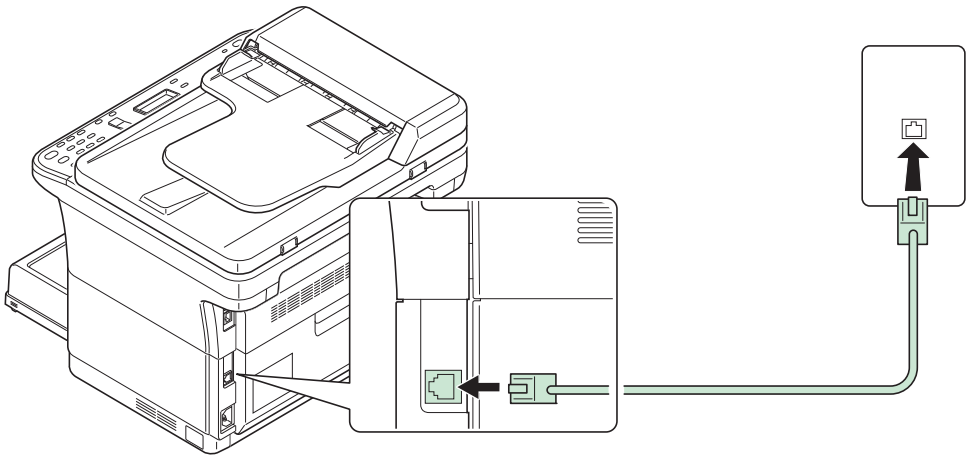


Note Use shielded interface cables.

Connecting the FAX Modular Cord (FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP)

Follow the steps as below for connecting the modular cord.

1. Connect the modular cord for the telephone line to LINE connector.
2. Connect the other end of the modular cord to the modular jack.

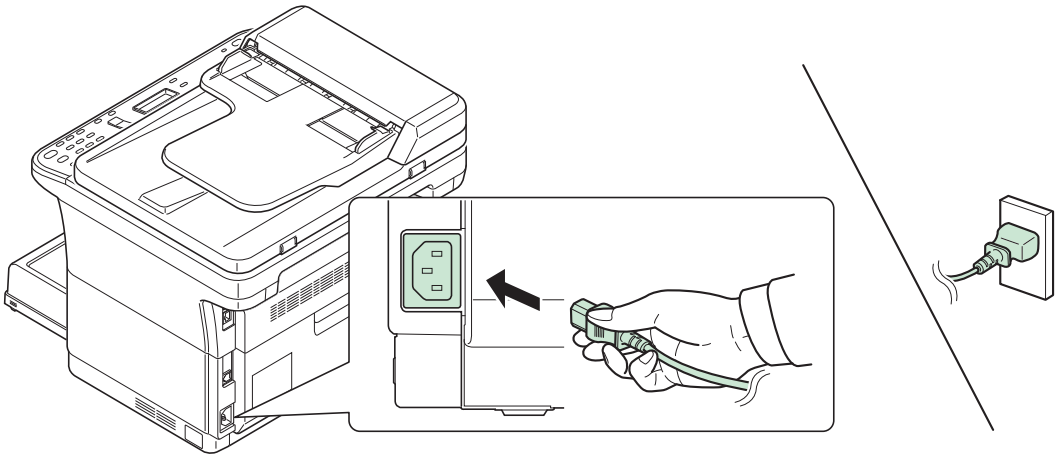


Connecting the Power Cord

Install the machine close to an AC wall outlet. If an extension cord is used, the total length of the power cord plus extension should be 5 meters (16 feet) or less.

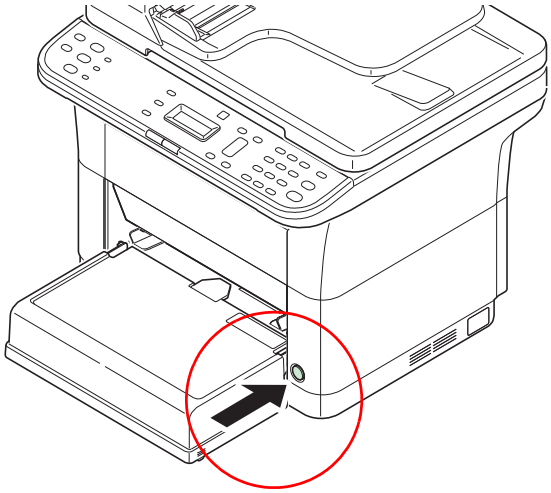
Note Only use the power cord supplied with the machine.

1. Connect the power cord to the power cord connector at the rear of the machine.



2. Connect the other end of the power cord to a power outlet.

3 Press the power switch to On. The machine begins to warm up.



IMPORTANT If you install the toner container and switch on the power, the start-up screen (a rotating bar image) and then `Adding toner...` will be displayed on the message display. When the machine is first switched on after toner installation, there will be a delay of approximately 7 minutes before the machine gets ready to use. When `Ready to copy.` appears in the message display on the operation panel, machine installation is complete.

Starter Toner Container

The toner container packed with the new machine is a starter toner container. The starter toner container lasts an average of 700 pages (FS-1120MFP and FS-1320MFP) or 1,000 pages (FS-1025MFP, FS-1125MFP and FS-1325MFP).

Loading Paper

General Guidelines

The machine is designed to print on standard copier paper, but it can also accept a variety of other types of paper within the limits specified below.

Note The manufacturer assumes no liability for problems that occur when paper not satisfying these requirements is used.

Selection of the right paper is important. Using the wrong paper can result in paper jams, curling, poor print quality, and paper waste, and in extreme cases can damage the machine. The guidelines given below will increase the productivity of your office by ensuring efficient, trouble-free printing and reducing wear and tear on the machine.

Paper Availability

Most types of paper are compatible with a variety of machines. Paper intended for xerographic copiers can also be used with the machine.

There are three general grades of paper: economy, standard, and premium. The most significant difference between grades is the ease with which they pass through the machine. This is affected by the smoothness, size, and moisture content of the paper, and the way in which the paper is cut. The higher the grade of paper you use, the less risk there will be of paper jams and other problems, and the higher the level of quality your printed output will reflect.

Differences between paper from different suppliers can also affect the machine's performance. A high-quality machine cannot produce high-quality results when the wrong paper is used. Low-priced paper is not economical in the long run if it causes printing problems.

Paper in each grade is available in a range of basis weights (defined later). The traditional standard weights are 60 to 120 g/m² (16 to 31.9b).

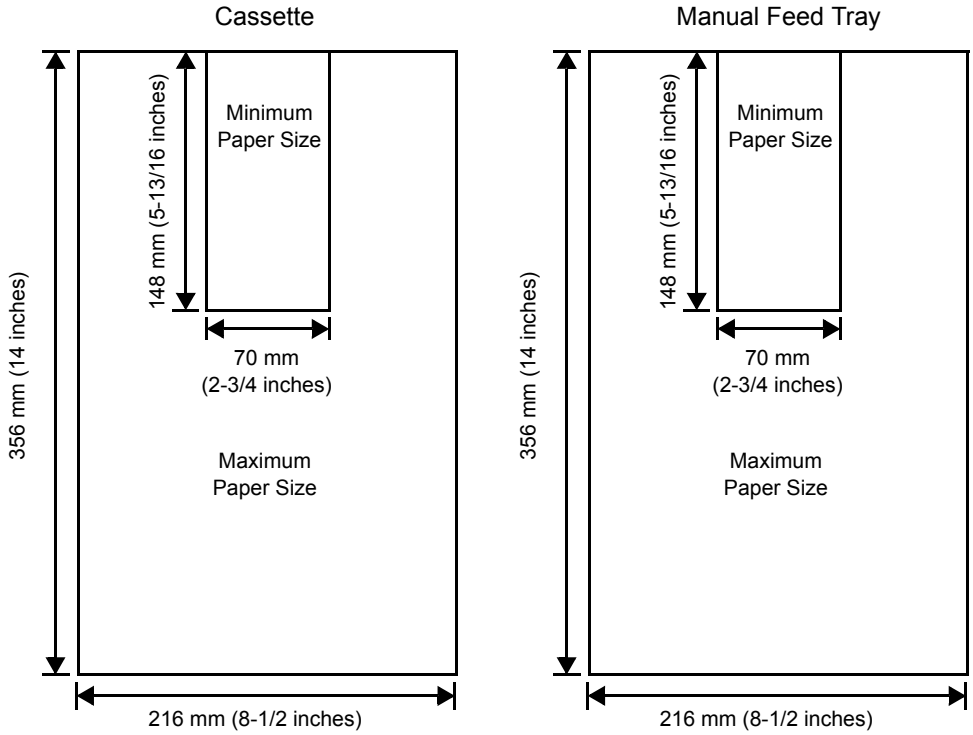
Paper Specifications

The following table summarizes the basic paper specifications. Details are given on the following pages:

Item	Specifications
Weight	Cassette: 60 to 220 g/m² (16 to 58.5 lb/ream) Manual Feed tray: 60 to 220 g/m² (16 to 58.5 lb/ream)
Thickness	0.086 to 0.110 mm (3.4 to 4.3 mils)
Dimensional Accuracy	±0.7 mm (±0.0276 inches)
Squareness of Corners	90 ±0.2°
Moisture Content	4 to 6%
Pulp Content	80% or more

Minimum and Maximum Paper Sizes

The minimum and maximum paper sizes are as follows.



Selecting the Right Paper

This section describes the guidelines for selecting paper.

Condition

Avoid using paper that is bent at the edges, curled, dirty, torn, embossed, or contaminated with lint, clay, or paper shreds.

Use of paper in these conditions can lead to illegible printing and paper jams, and can shorten the life of the machine. In particular, avoid using paper with a surface coating or other surface treatment. Paper should have as smooth and even a surface as possible.

Composition

Do not use paper that has been coated or surface-treated and contains plastic or carbon. The heat of fusing can cause such paper to give off harmful fumes.

Bond paper should contain at least 80% pulp. Not more than 20% of the total paper content should consist of cotton or other fibers.

Paper Sizes

Cassette and the Manual Feed tray are available for the paper sizes shown below. The dimensional tolerances are ±0.7mm for the length and width. The angle at the corners must be 90° ±0.2°.

- A4 (210 × 297 mm)
- A5 (148 × 210 mm)
- A6 (105 × 148 mm)
- Folio (210 × 330 mm)
- JIS B5 (182 × 257 mm)
- ISO B5 (176 × 250 mm)
- Letter (8-1/2 × 11 inches)
- Legal (8-1/2 × 14 inches)

- Statement (5-1/2 × 8-1/2 inches)
- Executive (7-1/4 × 10-1/2 inches)
- Envelope Monarch (3-7/8 × 7-1/2 inches)
- Envelope #10 (4-1/8 × 9-1/2 inches)
- Envelope #9 (3-7/8 × 8-7/8 inches)
- Envelope #6-3/4 (3-5/8 × 6-1/2 inches)
- Envelope C5 (162 × 229 mm)
- Envelope DL (110 × 220 mm)
- Oficio II (216 × 340 mm, 8-1/2 × 13 inches)
- 216 × 340 mm
- 16 K (197 × 273 mm)
- Custom*
  70 × 148 to 216 × 356 mm, 2-3/4 × 5-13/16 to 8-1/2 × 14 inches

* If the length of custom paper is larger than 297 mm (11-11/16 inches), the machine can be substituted A4, Folio, Legal, and Oficio II as the standard paper size.

Smoothness

The paper should have a smooth, uncoated surface. Paper with a rough or sandy surface can cause blank spaces in the printed output. Paper that is too smooth can cause multiple feeding and fogging problems. (Fogging is a gray background effect.)

Basis weight

Basis weight is the weight of paper expressed in grams per square meter (g/m²). Paper that is too heavy or too light may cause feed errors or paper jams as well as premature wear of the product. Uneven weight of paper, namely uneven paper thickness may cause multiple-sheet feeding or print quality problems such as blurring because of poor toner fusing.

The recommended basis weight is between 60 and 220 g/m² (16 to 58.5 lib/ream).

Paper Weight Equivalence Table

The paper weight is listed in pounds (lb) and metric grams per square meter (g/m²). The shaded part indicates the standard weight.

Europe Metric Weight (g/m²)	U. S. Bond Weight (lb)	Europe Metric Weight (g/m²)	U. S. Bond Weight (lb)
60	16	128	34
64	17	135	36
75	20	148	39
80	21	157	42
81	22	163	43
90	24	176	47
100	27	199	53
105	28	220	58.5
120	32		

Thickness

The paper used with the machine should be neither extremely thick nor extremely thin. If you are having problems with paper jams, multiple feeds, and faint printing, the paper you are using may be too thin. If you are having problems with paper jams and blurred printing the paper may be too thick. The correct thickness is 0.086 to 0.110 mm (3.4 to 4.3 mils).

Moisture Content

Moisture content is defined as the percent ratio of moisture to the dry mass of the paper. Moisture can affect the paper's appearance, feed ability, curl, electrostatic properties, and toner fusing characteristics.

The moisture content of the paper varies with the relative humidity in the room. When the relative humidity is high and the paper absorbs moisture, the paper edges expand, becoming wavy in appearance. When the relative humidity is low and the paper loses moisture, the edges shrink and tighten, and print contrast may suffer.

Wavy or tight edges can cause jams and alignment anomalies. The moisture content of the paper should be 4 to 6%.

To ensure correct moisture content, it is important to store the paper in a controlled environment. Some tips on moisture control are:

- Store paper in a cool, dry location.
- Keep the paper in its wrapping as long as possible. Re-wrap paper that is not in use.
- Store paper in its original carton. Place a pallet etc. under the carton to separate it from the floor.
- After removing paper from storage, let it stand in the same room as the machine for 48 hours before use.
- Avoid leaving paper where it is exposed to heat, sunlight, or damp.

Other Paper Properties

Porosity: Indicates the density of paper fiber.

Stiffness: Limp paper may buckle in the machine, resulting in paper jams.

Curl: Most paper naturally tends to curl one way if left unpacked. When paper passes through the fixing unit, it curls upward a little. To produce flat printouts, load the paper so that the upward pressure from the machine can correct their curling.

Electrostatic discharge: During the printing process the paper is electrostatically charged to attract the toner. The paper must be able to release this charge so that printed sheets do not cling together in the Output Tray.

Whiteness: The contrast of the printed page depends on the whiteness of the paper. Whiter paper provides a sharper, brighter appearance.

Quality control: Uneven sheet size, corners that are not square, ragged edges, welded (uncut) sheets, and crushed edges and corners can cause the machine to malfunction in various ways. A quality paper supplier should take considerable care to ensure that these problems do not occur.

Packaging: Paper should be packed in a sturdy carton to protect it from damage during transport. Quality paper obtained from a reputable supplier is usually correctly packaged.

Specially treated paper: We do not recommend printing onto the following types of paper, even if it conforms to the basic specifications. When you use these kinds of paper, purchase a small amount first as a sample to test.

- Glossy paper
- Watermarked paper
- Paper with an uneven surface
- Perforated paper

Special Paper

The following types of special paper can be used:

- Preprinted paper
- Labels*
- Bond paper
- Recycled paper
- Thin paper* (60 to 64 g/m²)
- Rough paper
- Letterhead
- Colored paper
- Prepunched paper
- Envelopes*
- Cardstocks (Postcards)*
- Thick paper (90 to 220 g/m²)
- High-quality paper

* Only one sheet can be loaded at a time in the cassette or in the Manual Feed tray.

Use paper that is sold specifically for use with copiers or printers (heat-fusing type).

Since the composition and quality of special paper vary considerably, special paper is more likely than white bond paper to give trouble during printing. No liability will be assumed if moisture and so forth given off during printing on special paper causes harm to the machine or operator.

Note Before purchasing any type of special paper, test a sample on the machine and check that printing quality is satisfactory.

Labels

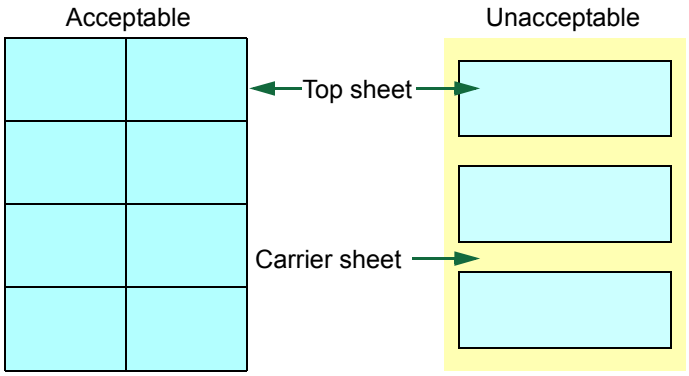
One label sheet can be loaded at a time.

The basic rule for printing on adhesive labels is that the adhesive must never come into contact with any part of the machine. Adhesive paper sticking to the drum or rollers will damage the machine.

Label paper has a structure comprising of three layers, as shown in the diagram. The top sheet is printed on. The adhesive layer consists of pressure-sensitive adhesives. The carrier sheet (also called the linear or backing sheet) holds the labels until used. Due to the complexity of its composition, adhesive-backed label paper is particularly likely to give printing problems.

Adhesive label paper must be entirely covered by its top sheet, with no spaces between the individual labels. Labels with spaces in between are liable to peel off, causing serious paper jam problems.

Some label paper is manufactured with an extra margin of top sheet around the edge. Do not remove the extra top sheet from the carrier sheet until after printing is finished.



The table below lists the specifications for adhesive label paper.

Item	Specification
Weight of top sheet	44 to 74 g/m² (12 to 20 lb/ream)
Composite weight	104 to 151 g/m² (28 to 40 lb/ream)
Thickness of top sheet	0.086 to 0.107 mm (3.9 to 4.2 mils)
Composite thickness	0.115 to 0.145 mm (4.5 to 5.7 mils)
Moisture content	4 to 6% (composite)

Postcards

One postcard can be loaded at a time. Make sure the postcards you are going to set are not curled. Feeding curled postcards may cause paper jams.

Some postcards have rough edges on the back (those are created when the paper is cut). In this case, put the postcard on a flat place and rub the edges with, for example, a ruler to smooth them.

Envelopes

One envelope can be loaded at a time. Envelopes should be fed in the face-up position, right edge first.

Since the composition of an envelope is more complex than that of ordinary paper, it is not always possible to ensure consistent printing quality over the entire envelope surface.

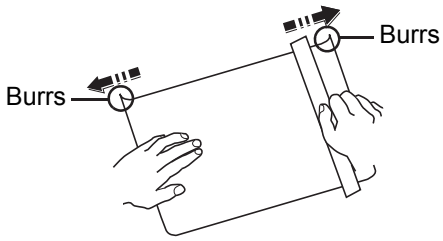
Normally, envelopes have a diagonal grain direction. This direction can easily cause wrinkles and creases when envelopes pass through the machine. Before purchasing envelopes, make a test print to check whether the machine accepts the envelope.

- Do not use envelopes that have an encapsulated liquid adhesive.
- Avoid a long printing session for envelopes only. Extended envelope printing can cause premature machine wear.

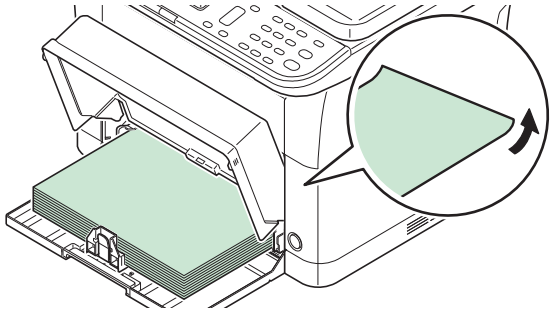
Thick Paper

If an excessive amount of thick paper is loaded in the cassette, it may not be fed. In that case, reduce the number of sheets to be loaded.

Fan the stack of paper and align the edges before loading them in the paper source. Some types of paper have rough edges on the back (those are created when the paper is cut). In this case, put the paper on a flat place and rub the edges once or twice with, for example, a ruler to smooth them. Feeding rough edged paper may cause paper jams.



Note If paper is not fed even after its rough edges have been removed, warp the paper at the leading edge upward for a few millimeters as shown in the figure, and then load the paper.



Colored Paper

Colored paper should satisfy the same conditions as white bond paper. Refer to *Paper Specifications* on page *2-5*. In addition, the pigments used in the paper must be able to withstand the heat of fusing during the printing process (up to 200°C or 392°F).

Preprinted Paper

Preprinted paper should satisfy the same conditions as white bond paper. Refer to *Paper Specifications* on page *2-5*. The preprinted ink must be able to withstand the heat of fusing during the printing process, and must not be affected by silicone oil.

Do not use paper with any kind of surface treatment, such as the type of paper commonly used for calendars.

Recycled Paper

Select recycled paper that meets the same specifications as the white bond paper except for whiteness. Refer to *Paper Specifications* on page *2-5*.

Note Before purchasing recycled paper, test a sample on the machine and check that the printing quality is satisfactory.

Paper Type

The machine is capable of printing under the optimum setting for the type of paper being used.

Not only can preset paper types be selected, but it is also possible for you to define and select customized paper types. Paper type can be changed using the printer driver and KYOCERA Client Tool. The following types of paper can be used.

Yes: Can be stored No: Cannot be stored

Paper Type	Paper Weight Displayed in KYOCERA Client Tool	Duplex Path*	Paper Type	Paper Weight Displayed in KYOCERA Client Tool	Duplex Path*
Plain	Normal 2	Yes	Color	Normal 2	Yes
Preprinted	Normal 2	Yes	Prepunched	Normal 2	Yes
Labels**	Heavy 1	No	Envelope**	Heavy 2	No
Bond	Heavy 1	Yes	Cardstock**	Heavy 2	No
Recycled	Normal 2	Yes	Thick	Heavy 2	Yes
Vellum**	Light	No	High quality	Normal 2	Yes
Rough	Heavy 1	Yes	Custom 1 (to 8)***	Normal 2	Yes****
Letterhead	Normal 2	Yes			

* Automatic duplex printing is only possible on the FS-1025MFP, FS-1125MFP and FS-1325MFP.

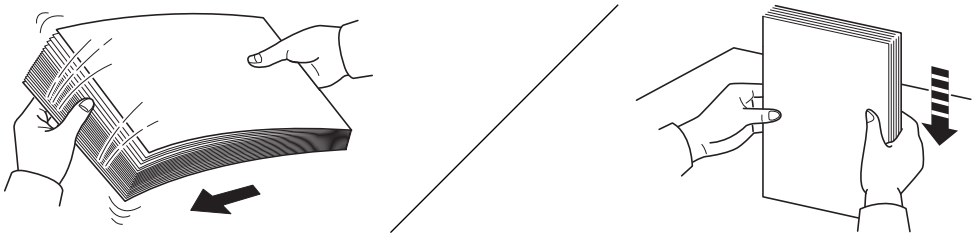
** One sheet must be loaded at a time.

*** This is a paper type defined and registered by the user. Up to eight types of user settings may be defined. For more information, refer to *KYOCERA Client Tool User Guide*.

**** When Custom is specified, duplex printing can be set in KYOCERA Client Tool.

Preparing the Paper

After removing paper from the packaging, fan through the sheets to separate them prior to loading.



If using paper that has been folded or is curled, straighten it prior to loading. Failure to do so may result in a paper jam.

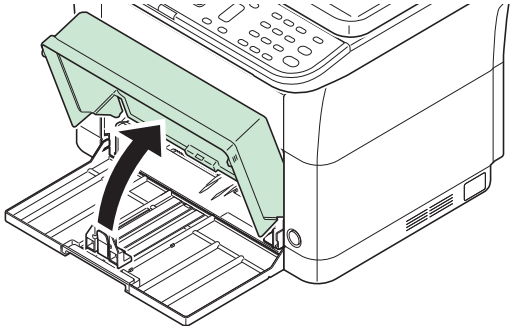
IMPORTANT Ensure paper is not stapled and clips are removed.

You should not use inkjet printer paper or any paper with a special surface coating. (Such papers may cause paper jams or other faults.)

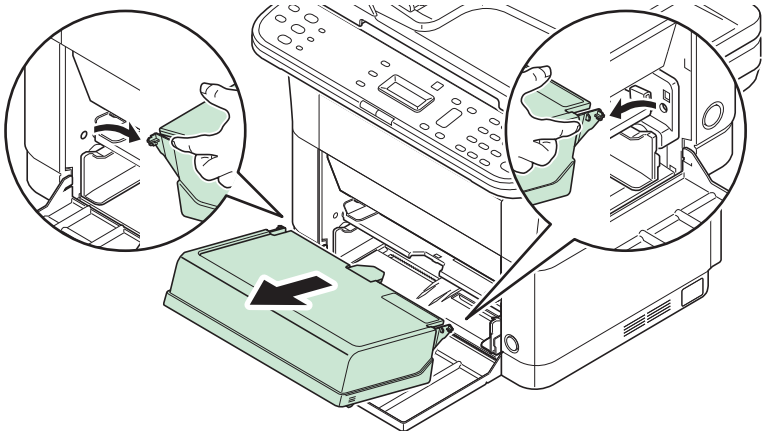
Loading Paper into Cassette

250 sheets of A4 or Letter paper (80 g/m²) may be loaded into the cassette.

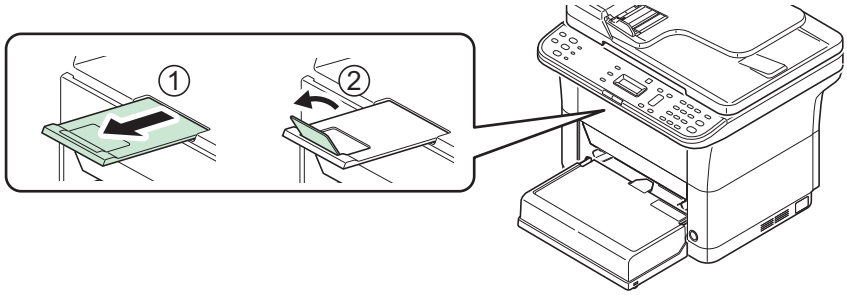
1 Open the cassette cover.



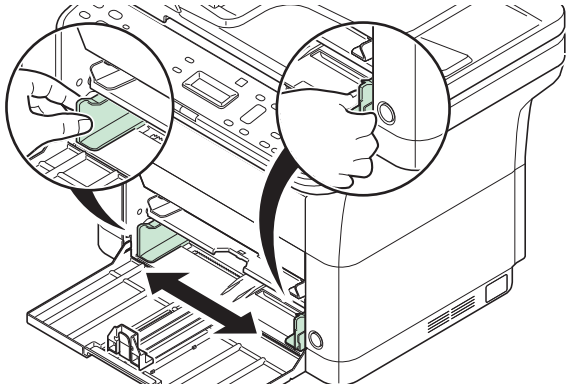
Note When using paper that is larger than A4/Letter, remove the cassette cover. Gently press on both the left and right sides of the cassette cover and pull.



If necessary, open the paper stopper shown in the figure.

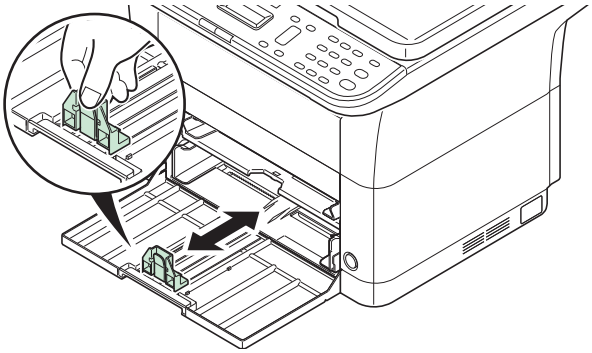


2 Adjust the position of the width guides located on the left and right sides of the cassette.

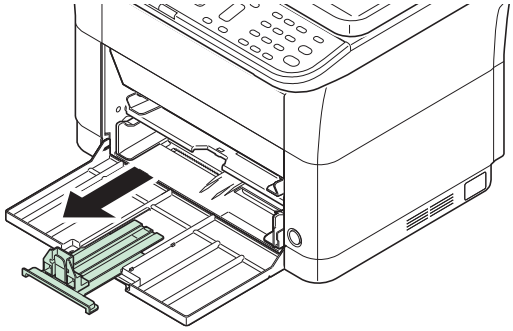


Note Paper sizes are marked on the cassette.

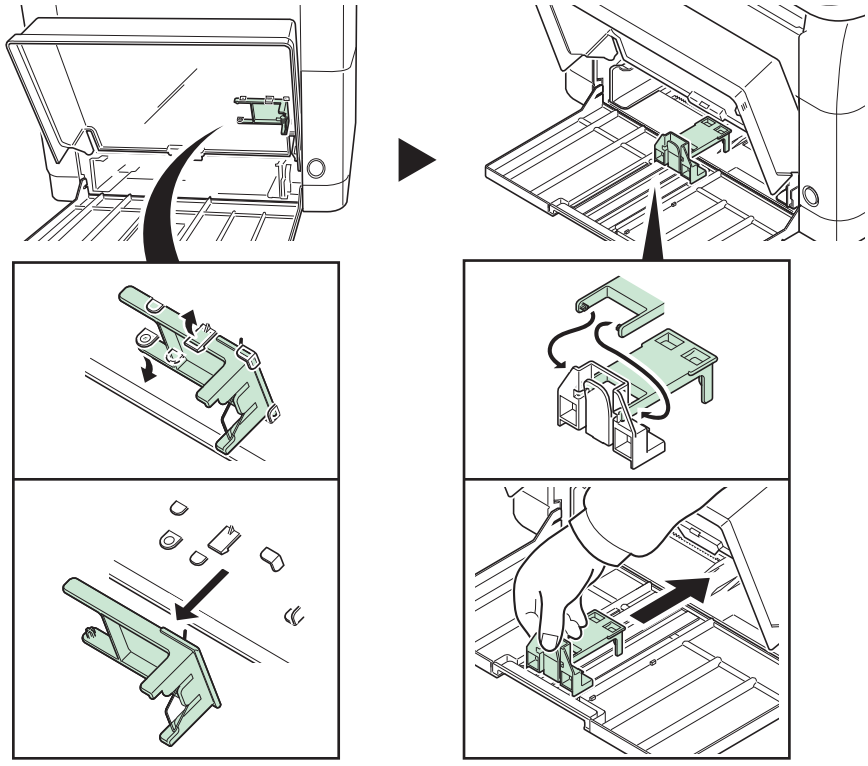
3 Adjust the paper length guide to the paper size required.



Note When using paper larger than A4/Letter, pull out the paper length guide.

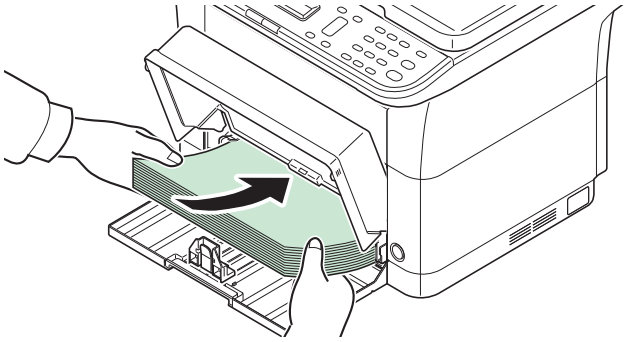


When using A6 paper, attach the stopper.

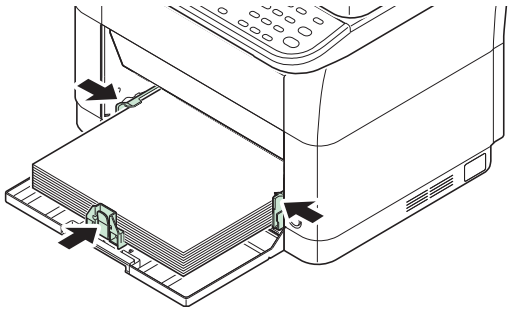


Move the stopper to the A6 position.

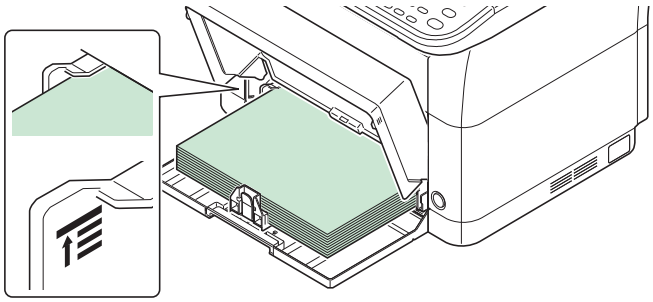
4 Load the paper all the way in the cassette until the paper touches the far inner side. Ensure the side to be printed is facing up and the paper is not folded, curled, or damaged.



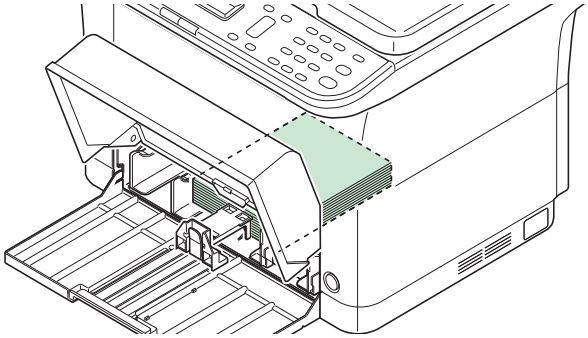
IMPORTANT Adjust so that there is no gap between the paper length guide and the paper.



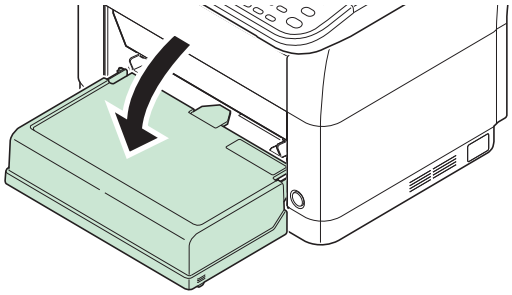
Note Load an amount of paper that fits under (does not contact) the tabs on the width guides.



When using A6 paper, load the paper as shown in the illustration.



5 Close the cassette cover.



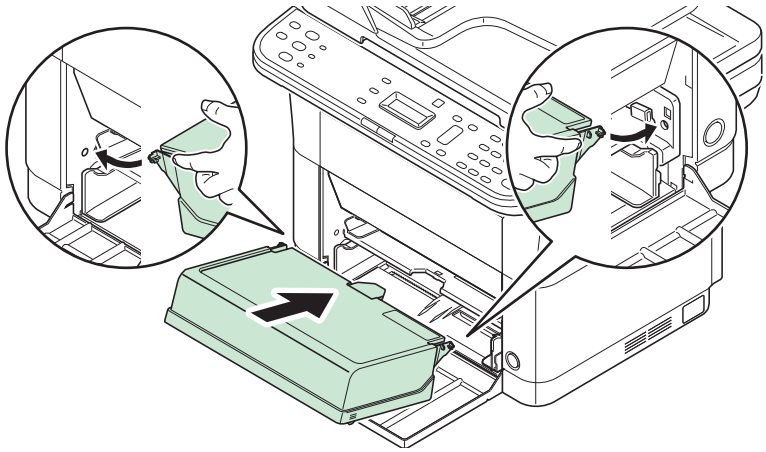
Note When storing the cassette, or when using paper larger than A4/Letter, remove the cassette cover.

6 Specify the paper size and type for the cassette using KYOCERA Client Tool. For more information, refer to *Configuration* on page *2-48*.

Note Set the same paper size to the paper size that is set on the machine.

When you attach the cassette cover

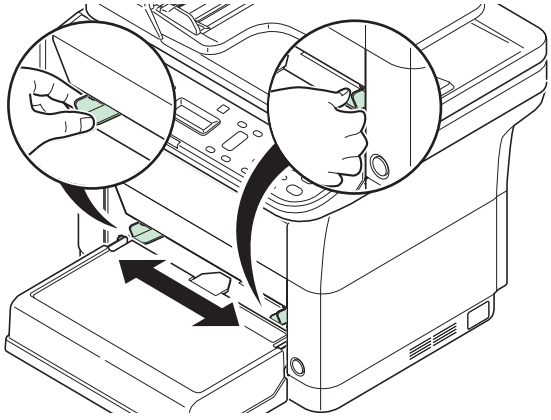
Attach the cassette cover as shown.



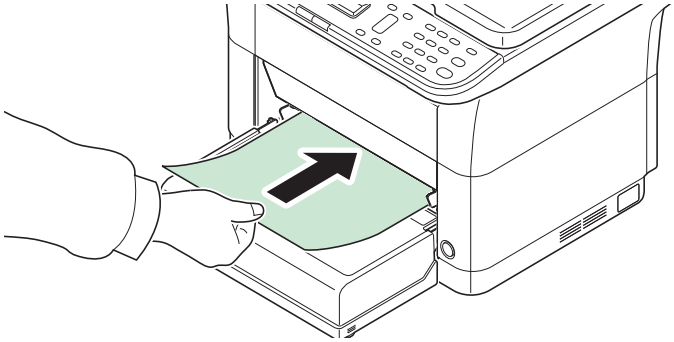
Loading Paper into Manual Feed Tray

The FS-1025MFP, FS-1125MFP and FS-1325MFP can load one sheet into the Manual Feed tray.

1 Adjust the position of the paper guides on the Manual Feed tray. Standard paper sizes are marked on the Manual Feed tray. For standard paper sizes, slide the paper guides to the corresponding mark.

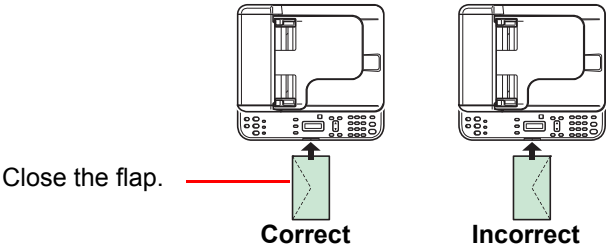


2 Align the paper with the paper guides and insert as far as it will go.



Note If the paper is considerably curled in one direction, for example, if the paper is already printed on one side, try to roll the paper in the opposite direction to counteract the curl.

When loading an envelope, load as shown in the illustration.



Load envelope with the print side facing up.

3 Specify the paper size and type for Manual Feed tray using KYOCERA Client Tool. For more information, refer to *Configuration* on page *2-48*.

Note Set the same paper size to the paper size that is set on the machine.

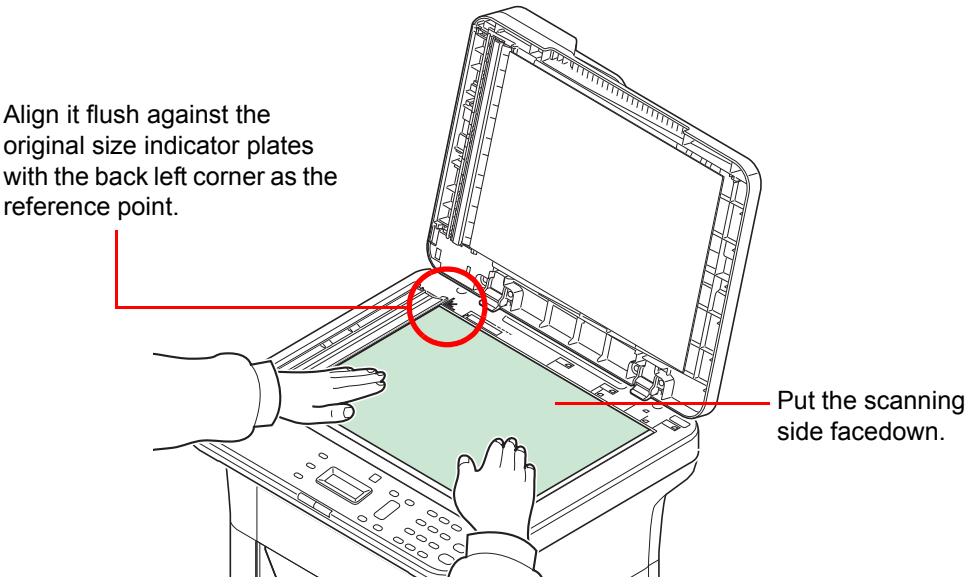
Loading Originals

Placing Originals on the Platen

You may place books or magazines on the platen in addition to ordinary sheet originals.

Note Before opening the document processor, be sure that there are no originals left on the original table or on the original eject table. Originals left on the original table or on the original eject table may fall off when the document processor is opened.

Shadows may be produced around the edges and in the middle of open-faced originals.


Align it flush against the original size indicator plates with the back left corner as the reference point.
Put the scanning side facedown.

Open the document processor, and place the original.

CAUTION Do not leave the document processor open as there is a danger of personal injury.

IMPORTANT Do not push the document processor forcefully when you close it. Excessive pressure may crack the platen. (Allowable load weight: 5 kg or less)

When placing books or magazines on the machine, do so with the original cover or the document processor in the open position.

Loading Originals in the Document Processor

The document processor automatically scans each sheet of multiple originals.

Originals Supported by the Document Processor

Weight	60 to 105 g/m²
Size	Maximum Folio to Minimum A6 Maximum Legal to Minimum Statement-R
Capacity	Plain paper (80 g/m²), Colored paper, Recycled paper: 40 sheets Vellum (60 g/m²): 25 sheets Thick paper (90 g/m²): 35 sheets Thick paper (100 g/m²): 30 sheets Thick paper (120 g/m²): 25 sheets

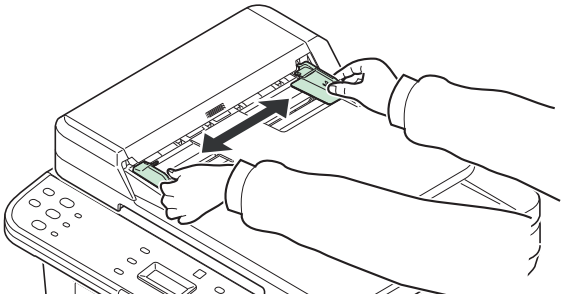
Originals Not Supported by the Document Processor

- Soft originals such as vinyl sheets
- Transparencies such as OHP film
- Carbon paper
- Originals with very slippery surfaces
- Originals with adhesive tape or glue
- Wet originals
- Originals with correction fluid which is not dried
- Irregularly shaped (non-rectangular) originals
- Originals with cut-out sections
- Crumpled paper
- Originals with folds (Straighten the folds before loading. Failure to do so may cause the originals to jam.)
- Originals bound with clips or staples (Remove the clips or staples and straighten curls, wrinkles or creases before loading. Failure to do so may cause the originals to jam.)

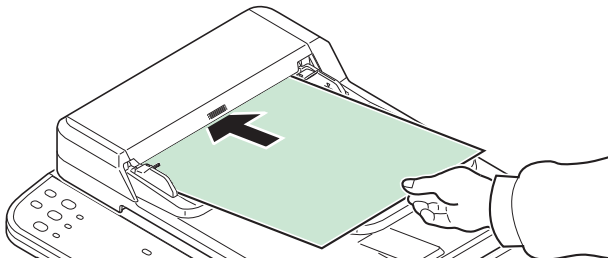
How to Load Originals

IMPORTANT Before loading originals, be sure that there are no originals left on the original eject table. Originals left on the original eject table may cause the new originals to jam.

1 Adjust the original table size.

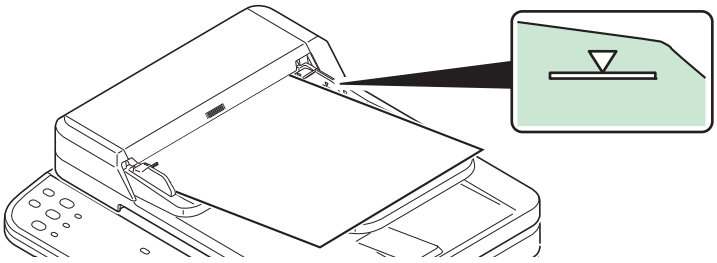


2 Load originals.



Put the side to be scanned face-up. Slide the leading edge into the document processor as far as it will go.

Note Ensure that loaded originals do not exceed the level indicator. Exceeding the maximum level may cause the originals to jam (see the figure).



Confirm that the original width guides exactly fit the originals. If there is a gap, readjust the original width guides. The gap may cause the originals to jam.

Installing and Uninstalling Drivers and Utilities

This section explains how to configure machine settings and install the software required for use as a machine. Ensure the machine is plugged in and connected to the PC before installing the software from the *Product Library* disc.

Note Install the software when the machine status is online*.

* `Ready to copy`, `Ready to print`, `Ready to scan` or `Enter destination` appears in the message display.

Software

The following software can be installed from the provided *Product Library* disc.

●: Installed standard. ○: Installed if selected.

Software	Function	Description	Installation Method		Reference Page
			Express Install	Custom Install	
GX DRIVER	Print	Driver for printing files on a computer using the machine. This printer driver enables full use of the machine's features.	●	○	*Printer Driver User Guide*
GX XPS DRIVER		Printer driver for XPS (XML Paper Specification) format developed by Microsoft Corporation.	—	○	
TWAIN Driver*	Scan	Driver for scanning on the machine using a TWAIN-compatible software application.	●	○	5-5
WIA Driver*		WIA (Windows Imaging Acquisition) is a function of Windows that enables reciprocal communication between an imaging device such as a scanner and an image processing software application. An image can be acquired using a WIA-compliant software application, which is convenient when a TWAIN-compliant software application is not installed in the computer.	●	○	5-5
FAX Driver**	FAX	Driver for sending faxes from any computer connected by USB or network cable.	●	○	7-37
KYOCERA Net Viewer	Utility	Utility that enables the machine to be monitored when connected to a network.	—	○	*KYOCERA Net Viewer User Guide*
KYOCERA Client Tool		Utility that enables current and all supported devices status, features and settings to be accessed. When KYOCERA Client Tool is installed, the following utilities are installed. • Status Monitor (page *2-31*) • Preset Tool (page *2-32*) • Configuration (page *2-48*) • Maintenance Menu (page *8-8*)	●	○	2-26
FAX Address Book Utility**		Utility for saving fax numbers and creating group faxes.	●	○	2-39

* The machine must be connected by USB.

** Only on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.

Installing the Software in Windows

If you are connecting this machine to a Windows PC, follow the next steps to install the software. The example shows you how to connect your machine to a Windows 7.

Note In Windows operating systems, you must be logged in with administrator privileges to install the software.

You can use either Express Install or Custom Install to install the software. Express Install automatically detects connected machines and installs the required software. Use Custom Install if you want to specify the printer port and select the software to be installed.

1. Turn on the computer and start up Windows.

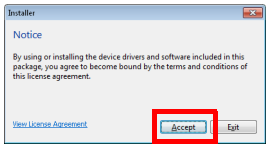
   If the Welcome to the **Found New Hardware Wizard** dialog box displays, select **Cancel**.

2. Insert the *Product Library* disc supplied with the machine into the optical drive. In Windows 7, Windows Server 2008 and Windows Vista, the user account control window may appear. Click **Yes**.

   The installation program launches.

   Note If the software install wizard does not launch automatically, open the *Product Library* disc window in Windows Explorer and double-click **Setup.exe**.

3. Click **View License Agreement** and read the License Agreement. Click **Accept**.


Installer
Notice
By using or installing the device drivers and software included in this package, you agree to become bound by the terms and conditions of this license agreement.
View License Agreement
Accept
Exit

   The software install wizard starts up.

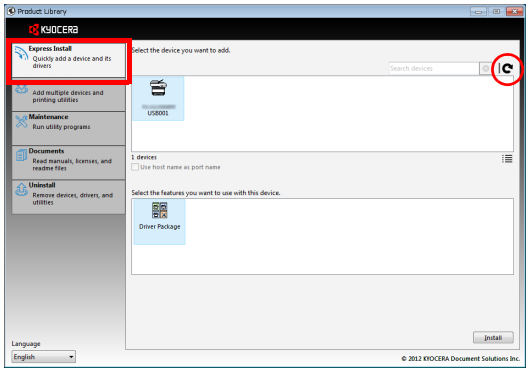
   From this point, the procedure differs depending on your version of Windows and your connection method. Proceed to the correct procedure for your connection type.

   - Express Install
   - Custom Install

Express Install

In Express Install, the installer automatically detects the machine when it is turned on. Use Express Install for standard connection methods.

1. Select the **Express Install** tab. The installer detects the machine.

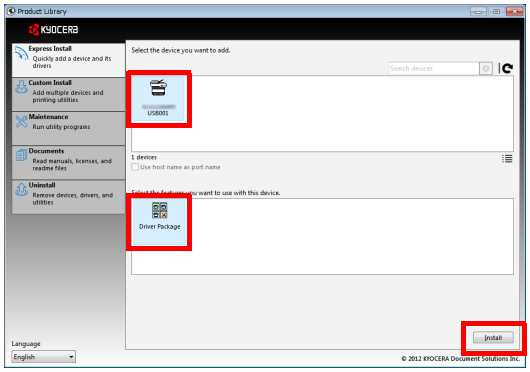


If the installer does not detect a print system, check that the print system is connected via USB or a network and that it is turned on. Then click (**Refresh**) to search print system again.

Note While the information shown in Windows 7 and Windows Vista/Windows XP installation dialog boxes differs slightly, the installation procedure is the same.

Network connection is only possible with the FS-1025MFP, FS-1125MFP and FS-1325MFP.

2 Select the machine you want to install, select the **Driver Package**, and click **Install**.



Note If the Found New Hardware Wizard appears, click **Cancel**. If a hardware installation warning message appears, click **Continue**.

If the Windows security window appears, click **Install this driver software anyway**.

3 A message appears saying that your software is ready to use. To print a test page, select the **Print a test page** checkbox and select the machine.

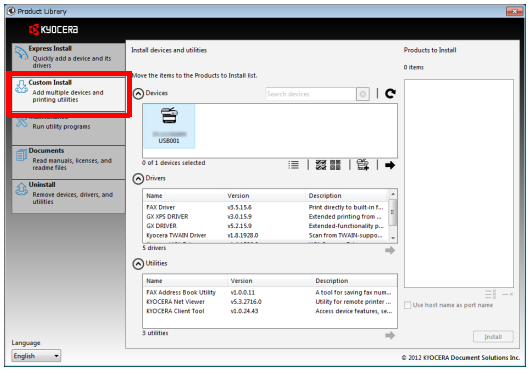
Click **Finish** to exit the installation wizard.

This completes the software installation procedure.

Custom Install

Use Custom Install if you want to specify the printer port and select the software to be installed.

1 Select **Custom Install** tab.



2 Select the device to be installed, and click the arrow button to move it to the **Products to Install** list.

3 Select the software to be installed, and click the arrow button to move it to the **Products to Install** list.

4 Click **Install**.

5 A message appears saying that your software is ready to use. To print a test page, select the **Print a test page** checkbox and select the machine.

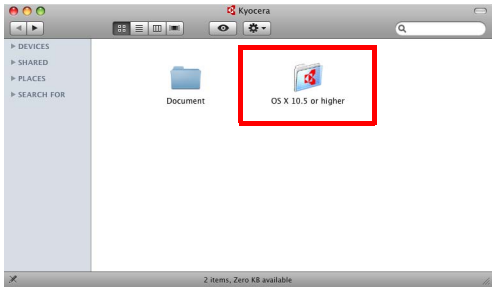
Click **Finish** to exit the installation wizard.

This completes the software installation procedure.

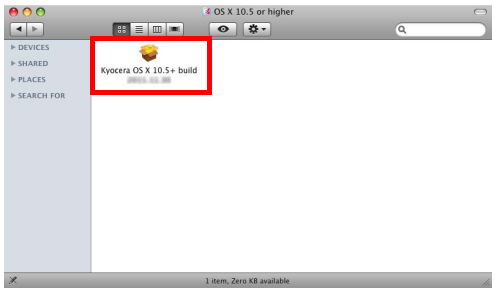
Installation on a Macintosh

This section explains how to install the printer driver in Mac OS.

1. Turn on the machine and the Macintosh.
2. Insert the *Product Library* disc supplied with the machine into the optical drive.
3. Double-click the *Product Library* disc icon.
4. Double-click **OS X 10.5 or higher**.



5. Double-click **Kyocera OS X 10.5+ xxxxx**.



6. The printer driver installation program starts up.

7. Install the printer driver as directed by the instructions in the installation software.

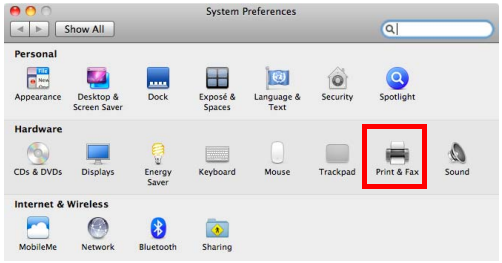
   IMPORTANT In the Authentication screen, enter the name and password used to log in to the operating system.

   This completes the printer driver installation. If a USB connection is used, the machine is automatically recognized and connected.

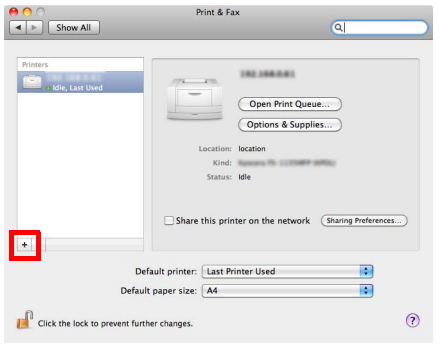
(FS-1025MFP, FS-1125MFP and FS-1325MFP)

If an IP connection is used, the settings below are required.

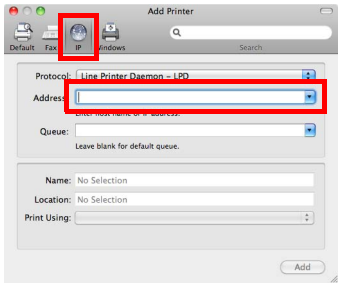
8 Open System Preferences and click **Print & Fax**.



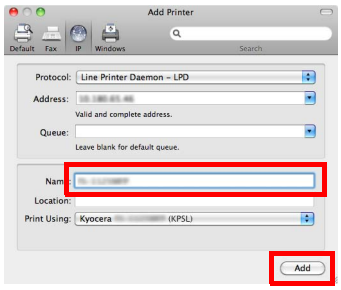
9 Click the plus symbol (+) to add the installed printer driver.



10 Click the **IP** icon for an IP connection and then enter the IP address and printer name.



11 Select the installed printer driver and click **Add**.



12 The selected machine is added. This completes the machine setup procedure.

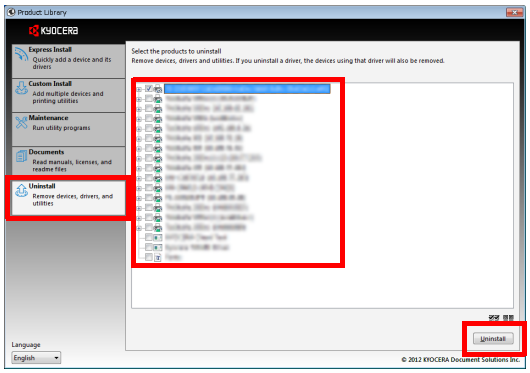
Uninstalling Drivers and Utilities

The software can be uninstalled (removed) using the *Product Library* disc supplied with the machine.

IMPORTANT On Macintosh computers, because the machine settings are specified using a PPD (PostScript Printer Description) file, the software cannot be uninstalled using the *Product Library* disc.

Note When KYOCERA Net Viewer is installed, separate uninstallers are launched for this application. Proceed with the uninstallation steps for this application as directed by the on-screen instructions.

1. Exit all active software applications.
2. Insert the *Product Library* disc supplied with the machine into the optical drive. In Windows 7, Windows Server 2008 and Windows Vista, the user account control window may appear. Click **Yes**.
3. Following the procedure used to install the software, click **Uninstall** tab.



4. Select the software to remove.
5. Click **Uninstall**.

   The uninstaller starts.
6. When Uninstall complete screen appears, click **Finish**.
7. If Restart Your System screen appears, select whether you restart your computer or not, and click **Finish**.

Machine Settings

Various machine settings can be configured from a computer using KYOCERA Client Tool. Install KYOCERA Client Tool from the provided *Product Library* disc.

Note For the detailed functions of KYOCERA Client Tool, refer to *KYOCERA Client Tool User Guide*.

Accessing KYOCERA Client Tool

Start KYOCERA Client Tool.

KYOCERA Client Tool Functions

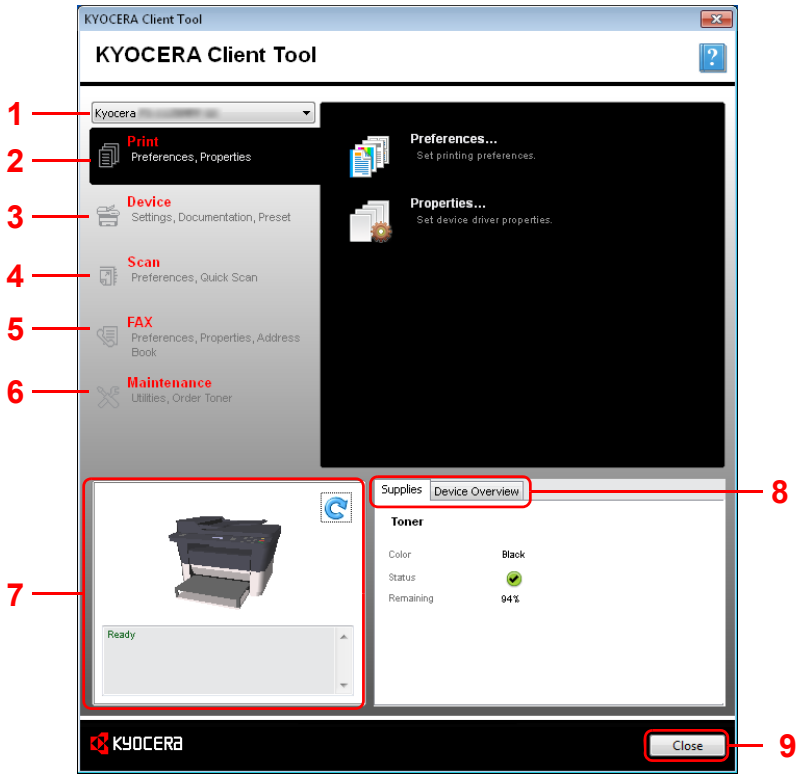
The functions of KYOCERA Client Tool are described below.

Function		Description	Reference Page
KYOCERA Client Tool		KYOCERA Client Tool gives you quick access to common machine features and settings, plus the current status of all supported machines. You can also use KYOCERA Client Tool to order toner, download printer drivers, access KYOCERA Net Viewer, open the company website and view machine documentation.	2-27
	Status Monitor	Lets you view the status of the machine on your desktop.	2-31
	Preset Tool	Registers the Copy, Scan, FAX and Print Box programs.	2-32
	Address Book*	Registers the destination used for FAX.	2-39
	Configuration	Allows user to configure machine settings, including energy saving, paper settings and network settings. Messages shown in the Status Monitor are also configured here.	2-48
	Maintenance Menu	For machine maintenance. Use when print quality deteriorates or to adjust the print or scan position.	8-8

* Only on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.

KYOCERA Client Tool Settings

General

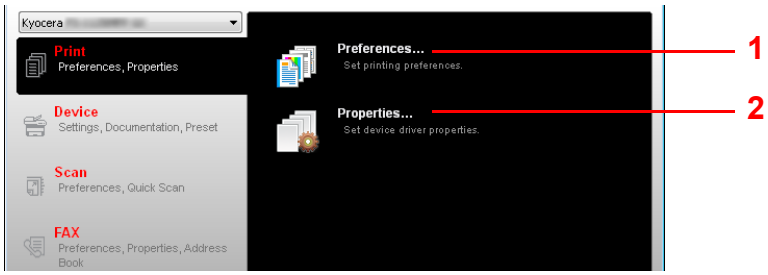


No.	Item	Description	Reference Page
1	Machine list	The list at the top of KYOCERA Client Tool screen includes all of the supported machines installed on your computer. You can select a machine from this list to view its properties and select available options, such as configuration, maintenance, and driver download.	—
2	**Print**	The **Print** tab gives you access to printing preferences and machine driver properties. Click **Preferences** or **Properties** to open the settings.	2-28
3	**Device**	The **Device** tab lets you configure a machine, view documentation, restart a machine and restore factory default settings. Click **Configuration** to display the Configuration screen. This lets you configure various machine settings. Refer to *Configuration* on page *2-48*.	2-29
4	**Scan**	The **Scan** tab lets you configure TWAIN and Quick Scan settings. Scan to PDF, Scan to Email and Scan to Folder can also be executed from this tab. **Note** The **Scan** tab only appears when the machine is connected by USB.	2-29

No.	Item	Description	Reference Page
5	**FAX**	The **FAX** tab lets you select FAX settings and edit Address Book destinations. For details, refer to *Address Book* on page *2-39*. **Note** This setting only appears on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.	2-30
6	**Maintenance**	The **Maintenance** tab lets you open KYOCERA Net Viewer*, order replacement toner, view our web site, and download software. Click **Maintenance Menu** to display the Maintenance Menu screen. This lets you perform machine maintenance. Refer to *Maintenance Menu* on page *8-8*.	2-30
7	Machine status	This shows a 3D image of the selected machine and its current status. Click (**Refresh**) to refresh the machine status.	—
8	**Supplies**	The **Supplies** tab shows the toner status.	—
	Device Overview	The **Device Overview** tab shows the machine settings.	—
9	**Close**	Clicking **Close** hides KYOCERA Client Tool.	—

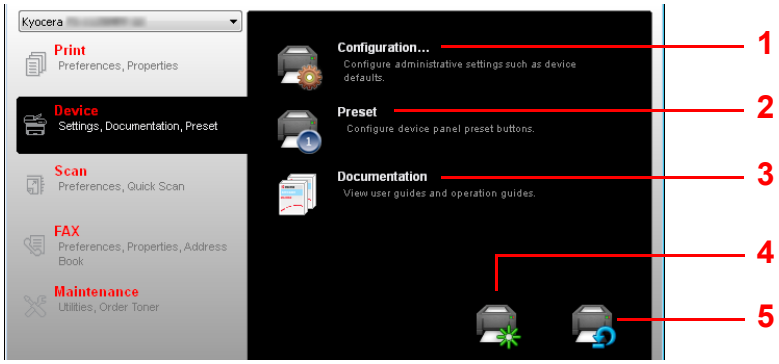
* To display **KYOCERA Net Viewer**, KYOCERA Net Viewer must be installed.

Print Tab



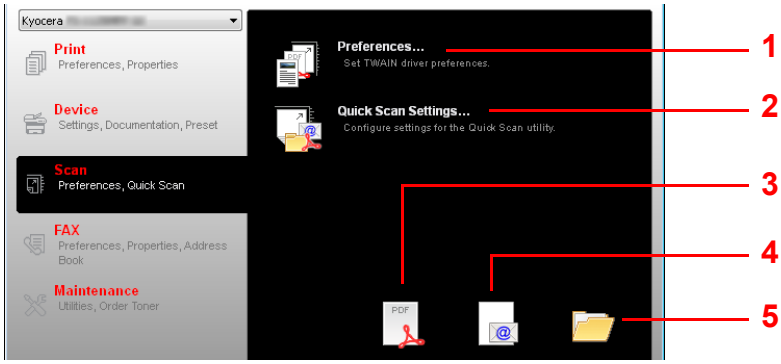
No.	Item	Description
1	**Preferences**	Opens the **Printing Preferences** screen for the selected machine.
2	**Properties**	Opens the **Properties** screen for the selected machine.

Device Tab



No.	Item	Description	Reference Page
1	**Configuration**	Opens the **Configuration** screen for the selected machine.	2-48
2	**Preset**	Opens the **Preset Tool** screen for the selected machine.	2-32
3	**Documentation**	Opens the folder where manuals are contained.	—
4	**Device restart**	Click the **Device restart** icon to restart the machine. Click **Yes** to confirm. You must be logged in with administrator privileges on your PC.	—
5	**Factory default**	Click the **Factory default** icon to return all of the machine properties of the selected model to its default settings. Click **OK** to confirm. You must be logged in with administrator privileges on your PC.	—

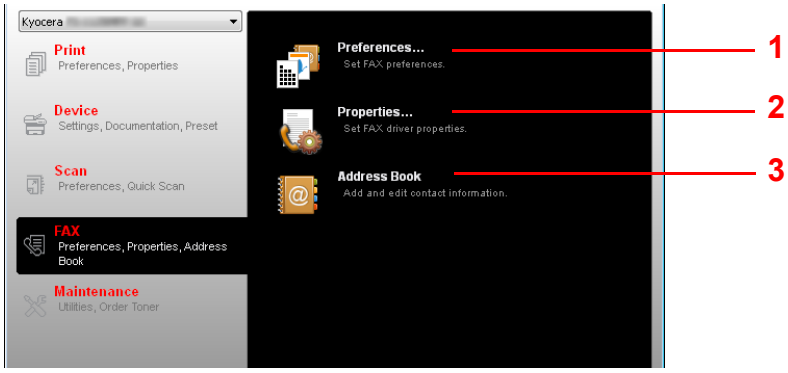
Scan Tab



No.	Item	Description	Reference Page
1	**Preferences**	Opens **TWAIN** screen. Set the default value for the TWAIN scan.	2-45
2	**Quick Scan Settings**	Opens **Quick Scan** screen.	2-45
3	**Scan to PDF**	Saves the scanned image in PDF format.	5-4
4	**Scan to Email**	Attaches the scanned image to a new E-mail message.	5-4
5	**Scan to Folder**	Saves the scanned image to a specified folder.	5-4

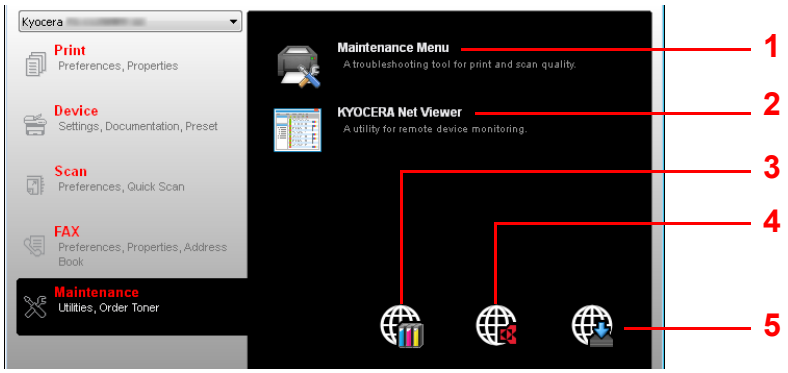
Note To use Scan functions, the machine must be connected by USB.

FAX Tab



No.	Item	Description	Reference Page
1	**Preferences**	Opens **FAX Printing Preferences** screen.	7-40
2	**Properties**	Opens **FAX Properties** screen.	*FAX Driver User Guide*
3	**Address Book**	Opens **FAX Address Book Utility** screen.	2-39

Maintenance Tab



No.	Item	Description	Reference Page
1	**Maintenance Menu**	Opens **Maintenance Menu** screen.	8-8
2	**KYOCERA Net Viewer**	Opens KYOCERA Net Viewer.*	*KYOCERA Net Viewer User Guide*
3	**Order Toner**	You can order replacement toner by e-mail or on the web. Click the **Order Toner** icon for these options: • Send e-mail Use the default e-mail address or type another e-mail address and then click **OK** to open your default e-mail program. • Open Web page Use the default web address or type another web address and then click **OK** to open the web page in your default web browser.	—
4	**Kyocera Online**	Opens our website.	—
5	**Driver Download**	Click to open the download page of our website. You can download software and find an authorized dealer.	—

* To display **KYOCERA Net Viewer**, KYOCERA Net Viewer must be installed.

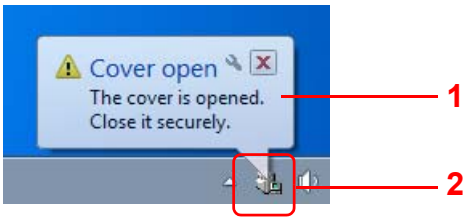
Status Monitor

When KYOCERA Client Tool is installed, you can check the machine status in the Status Monitor icon.

The Status Monitor icon displays machine status messages in the lower right corner of the screen.

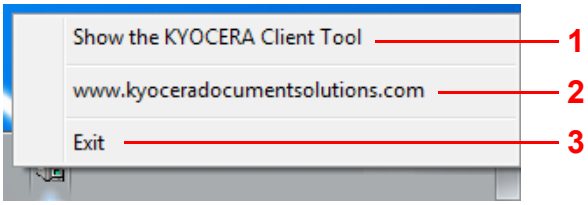
Screen Overview

The screen overview of the Status Monitor icon is as follows.



No.	Item	Description
1	Pop-up window	If an information notification event occurs, a pop-up window appears. Information notification events can be set in the Configuration. Refer to *Configuration* on page *2-48*.
2	Status Monitor icon	The Status Monitor icon is displayed in the taskbar notification area when the Status Monitor is running.

When the Status Monitor icon is active, you can select KYOCERA Client Tool options by right-clicking the icon in the system tray.



No.	Item	Description
1	**Show/Hide the KYOCERA Client Tool**	Switches between hiding and showing KYOCERA Client Tool screen.
2	(URL)	Opens our website.
3	**Exit**	Closes KYOCERA Client Tool and removes the Status Monitor icon from the system tray.

Default and Program Settings

This section explains about the Copy, Print Box, Scan and FAX default settings and programs. For settings that are frequently changed from the default settings, it is convenient to register a program.

Default Settings

This section explains the default settings for each function.

Functions	Description
Copy	The default settings for Copy are changed with the Configuration. For details, refer to *Configuration* on page *2-48*.
Print Box	It is not possible to change the default settings for Print Box. The job stored in the Default folder is printed. The Program is used to select the Print Box. Refer to *Program Settings* on page *2-32*.
Push Scan	It is not possible to change the default settings for Push Scan. The Program is used to change the settings. Refer to *Program Settings* on page *2-32*.
FAX	The default settings for FAX are changed with the Configuration. For details, refer to *Configuration* on page *2-48*.

Program Settings

If you have settings that are frequently changed from the default settings, register the settings in a program. You can simply select the program number as needed to recall those functions.

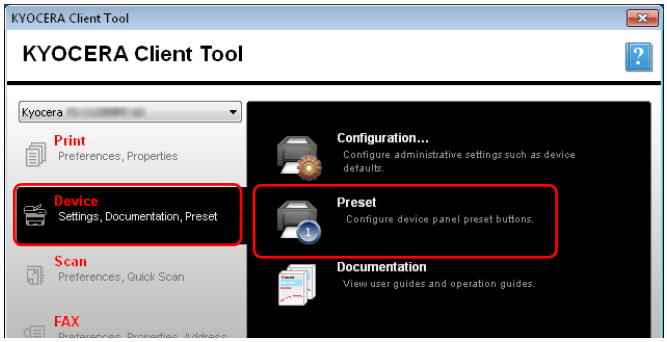
Programs can be registered from a computer using Preset Tool. The Preset Tool is a function of KYOCERA Client Tool. Three programs can be registered per function.

This section explains how to register a program. To use a registered program, refer to the pages of each function.

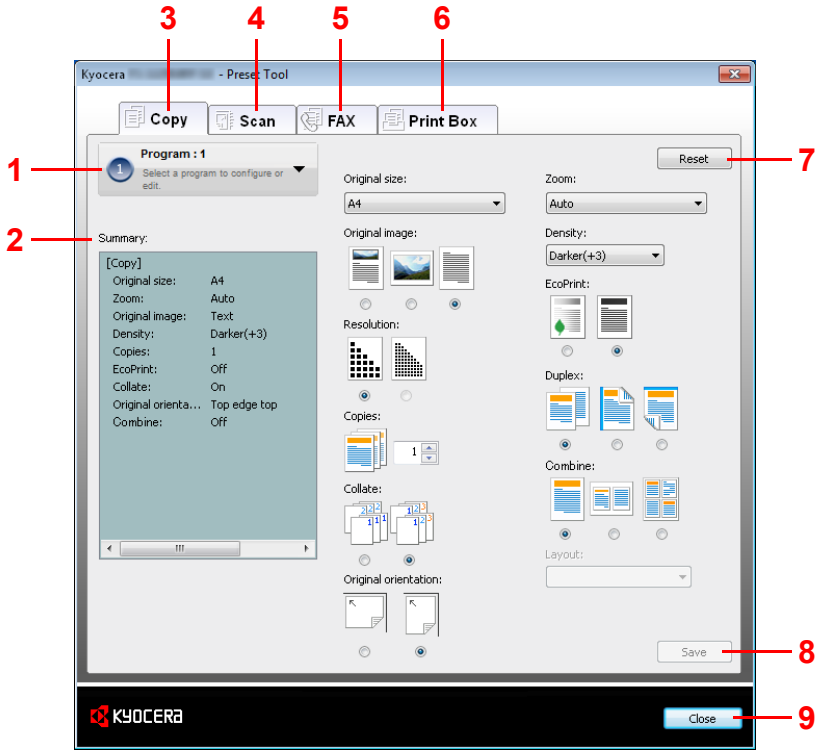
- Copy: *Basic Operation* on page *3-2*
- Scan: *Push Scan* on page *5-2*
- FAX: *Basic transmission procedure* on page *7-12*
- Print Box: *Printing from Print Box* on page *4-7*

Accessing the Preset Tool

1. Start KYOCERA Client Tool as explained in *Accessing KYOCERA Client Tool* on page *2-26*.
2. Click **Preset** on the **Device** tab. The Preset Tool opens.

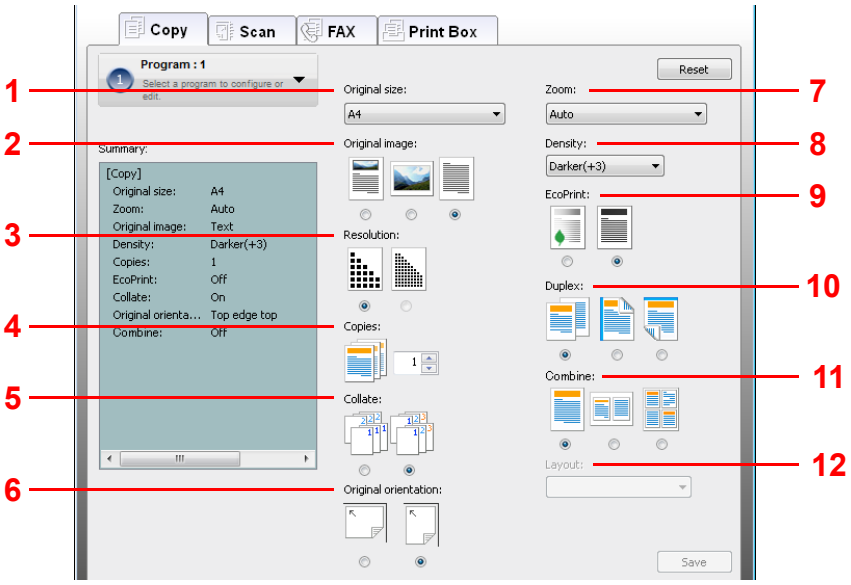


General

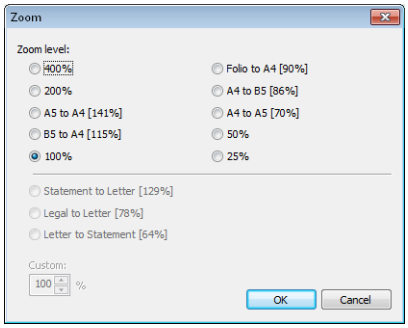
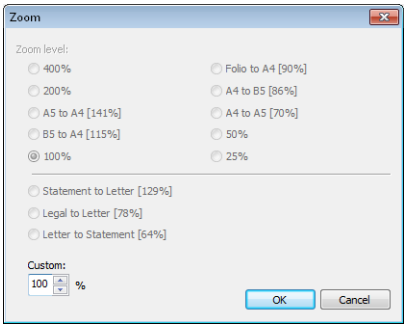
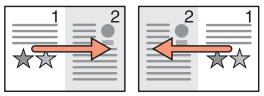
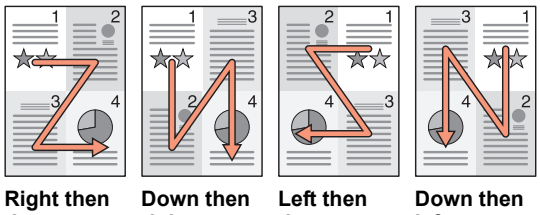


No.	Item	Description	Reference Page
1	Program number	Select the program number (1 to 3) to be registered. When a program number is selected, the settings registered in that number appear in the right-hand screen.	—
2	**Summary**	Shows a list of the settings of the selected program.	—
3	**Copy**	Set programs for the Copy function.	2-34
4	**Scan**	Set programs for the Scan function.	2-36
5	**FAX**	Set programs for the FAX function. **Note** This setting only appears on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.	2-37
6	**Print Box**	Set programs for the Print Box function.	2-38
7	**Reset**	Reset the program to default values.	—
8	**Save**	Save your settings.	—
9	**Close**	Close the Preset Tool.	—

Copy Tab

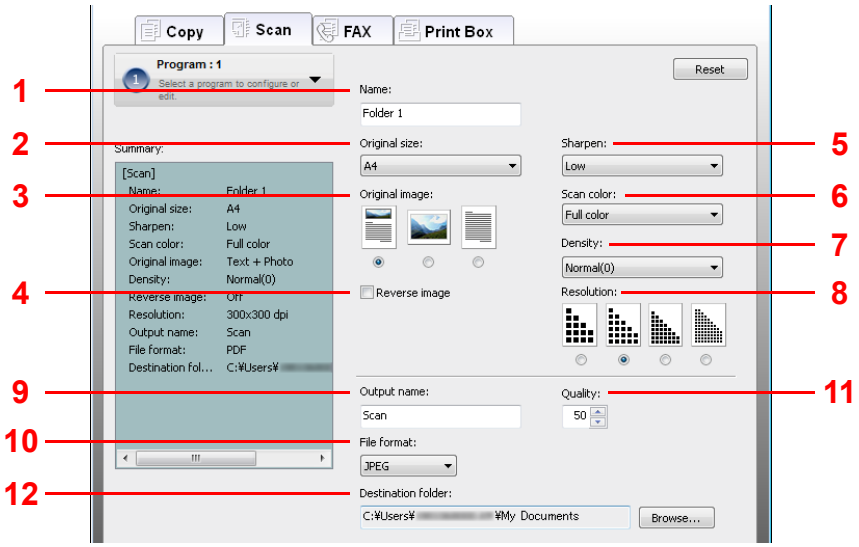


No.	Item	Description
1	**Original size**	Specify the size of originals being scanned. Value: **Executive**, **Letter**, **Legal**, **A4**, **A5**, **A6**, **B5 (JIS)**, **B5 (ISO)**, **Custom**, **216 × 340 mm**, **Oficio II**, **16K**, **Statement**, **Folio** **Note** Refer to *Configuration* on page *2-48* for selecting **Custom**.
2	**Original image**	Select image quality suited to the type of original. Value: **Text + Photo** **Photo** **Text**
3	**Resolution**	The resolution is selected when **Text + Photo** is selected in **Original image**. Select **600 dpi** when you want good reproduction of fine text and lines in originals which contain a mixture of text and photos. Value: **300 dpi** **600 dpi** **Note** The **Photo** and **Text** selections in **Original image** are fixed at **300 dpi**.
4	**Copies***	Set the default value for the number of copies. Value: **1** to **99**
5	**Collate**	Scan multiple originals and deliver complete sets of copies as required according to page number. Value: **Off** **On**
6	**Original orientation**	Select the orientation of the original document top edge to scan correct direction. Value: **Top Edge Left** **Top Edge Top**

No.	Item	Description
7	**Zoom**	Adjust the magnification to reduce or enlarge the original image. Value: **100%**, **Auto**, **Custom**, **Fixed** When **Custom** or **Fixed** is selected, the **Zoom** screen is displayed.  **Zoom level (Fixed)** Adjusts the image to match present sizes.  **Custom*** Specify the image size in 1% increment between 25% - 400% of the original.
8	**Density**	Adjust density using 7 levels. Value: **Lighter (-3)**, **Lighter (-2)**, **Lighter (-1)**, **Normal (0)**, **Darker (+1)**, **Darker (+2)**, **Darker (+3)**
9	**EcoPrint**	Use EcoPrint to save toner when printing. Use this function for test copies or any other occasion when high quality print is not required. Value: **On** **Off**
10	**Duplex**	Select duplex copying. Value: **Simplex** **Binding Left/Right** **Binding Top** **Note** This setting only appears on the FS-1025MFP, FS-1125MFP and FS-1325MFP.
11	**Combine**	Combine 2 or 4 original sheets into 1 copied page. Value: **Off** **2in1** **4in1**
12	**Layout**	You can select the page layout. Value: 2in1  **Left to right** **Right to left** 4in1  **Right then down** **Down then right** **Left then down** **Down then left** **Note** For details on page layout, refer to *Combine* on page *3-9*.

* Non-numeric characters cannot be entered. If entered number is beyond range, the max/min value will be restored.

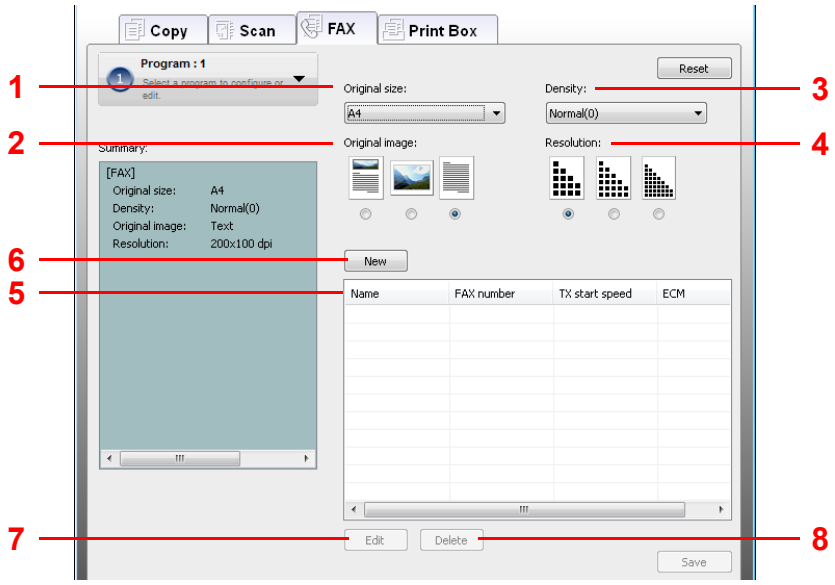
Scan Tab



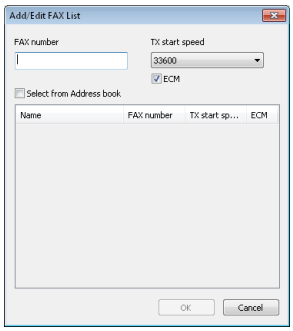
No.	Item	Description
1	**Name**	Set a name for the Program. This name is displayed in the message display of the machine's operation panel. Up to 18 characters can be entered.
2	**Original size**	Specify the size of originals being scanned. Value: **Executive**, **Letter**, **Legal**, **A4**, **A5**, **A6**, **B5 (JIS)**, **B5 (ISO)**, **Custom**, **216 × 340 mm**, **Oficio II**, **16K**, **Statement**, **Folio** **Note** Refer to *Configuration* on page *2-48* for selecting **Custom**.
3	**Original image**	Select image quality suited to the type of original. Value: **Text + Photo**, **Photo**, **Text**
4	**Reverse image**	When this is selected, the image color reverses.
5	**Sharpen**	Adjust the sharpness of the image. Value: **None**, **Low**, **Medium**, **High**, **Descreen** (Blurs the outlines and reduces the sharpness.)
6	**Scan color**	Select the color mode setting. Value: **Monochrome**, **Grayscale**, **Full color**
7	**Density**	Select the density. Value: **Lighter (-3)**, **Lighter (-2)**, **Lighter (-1)**, **Normal (0)**, **Darker (+1)**, **Darker (+2)**, **Darker (+3)**
8	**Resolution**	Select fineness of scanning resolution. Value: **200×200 dpi**, **300×300 dpi**, **400×400 dpi**, **600×600 dpi**
9	**Output name**	Assign a document name to scanned images. When there are multiple pages, a three-digit incrementing number such as Scan_001, Scan_002... is appended to the end of the file name. Up to 16 characters can be entered.
10	**File format**	Specify the image file format. Value: **BMP**, **JPEG**, **PNG**, **TIFF**, **PDF**

No.	Item	Description
11	**Quality**	Set the quality if **File format** is **JPEG**. This is disabled for non-JPEG format. Value: **1** to **100** **Note** Non-numeric characters cannot be entered. If entered number is beyond range, the max/min value will be restored.
12	**Destination folder**	Enter the path of the folder where the scanned image will be saved. Either C:\User\<user>\My Documents (on Windows Vista/Windows 7) or C:\Document and Settings\<user>\My Documents (on Windows XP) is set as the default. To select the folder, click **Browse** to open **Browse for Folder**.

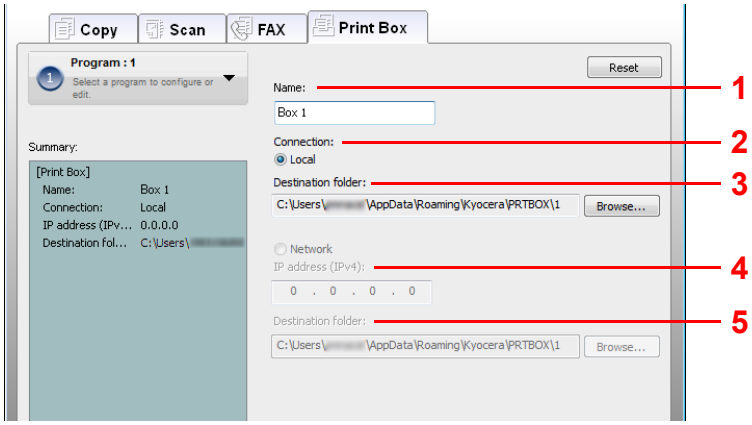
FAX Tab



No.	Item	Description
1	**Original size**	Specify the size of originals being scanned. Value: **Executive**, **Letter**, **Legal**, **A4**, **A5**, **A6**, **B5 (JIS)**, **B5 (ISO)**, **Custom**, **216 × 340 mm**, **Oficio II**, **16K**, **Statement**, **Folio** **Note** Refer to *Configuration* on page *2-48* for selecting **Custom**.
2	**Original image**	Select image quality suited to the type of original. Value: **Text + Photo** **Photo** **Text**
3	**Density**	Adjust density using 7 levels. Value: **Lighter (-3)**, **Lighter (-2)**, **Lighter (-1)**, **Normal (0)**, **Darker (+1)**, **Darker (+2)**, **Darker (+3)**
4	**Resolution**	Select fineness of scanning resolution. Value: **200×100 dpi** **200×200 dpi** **200×400 dpi**
5	**Destination list**	The destination is displayed.

No.	Item	Description
6	**New**	Opens **Add/Edit FAX List** screen.
7	**Edit**	 A new destination can be added by clicking **New**. To edit a destination, select the destination from the list and click **Edit**. The destinations stored in the Address Book on the machine are displayed. • Directly enter a fax number. Enter a fax number, and set **TX start speed** and **ECM**. • Select from the Address Book. Select the **Select from Address book** check box and then choose from the destinations displayed. **Note** Up to 100 destinations can be added. When a group is selected from the Address Book, it is converted into the contact destinations. Click **OK** to apply the destination addition or change and return to the **FAX** tab.
8	**Delete**	To delete a destination, select the destination from the list and click **Delete**.

Print Box Tab



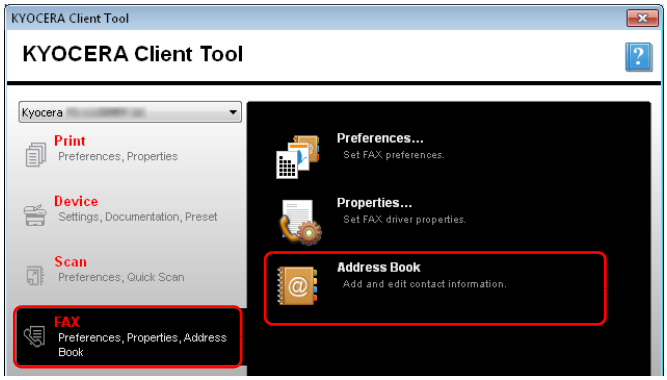
No.	Item	Description
1	**Name**	Set a name for the Program. This name is displayed in the message display of the machine's operation panel. Up to 18 characters can be entered.
2	**Connection**	Select the interface used to connect with the machine. Value: **Local**, **Network**
3	**Destination folder** (Local)	Enter the path for the folder to be used as the Print Box. Program 1 is Box 1, Program 2 is Box 2 and Program 3 is Box 3. To select the folder, click **Browse** to open **Browse for Folder**.
4	**IP address (IPv4)**	Set the IP address for the computer with the Print Box to be used. Value: ###.###.###.### If you select **Network** for **Connection**, this setting is available.
5	**Destination folder** (Network)	Enter the path for the folder to be used as the Print Box. Program 1 is Box 1, Program 2 is Box 2 and Program 3 is Box 3. To select the folder, click **Browse** to open **Browse for Folder**. If you select **Network** for **Connection**, this setting is available.

Address Book

Edit FAX destinations in the Address Book. This setting only appears for the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.

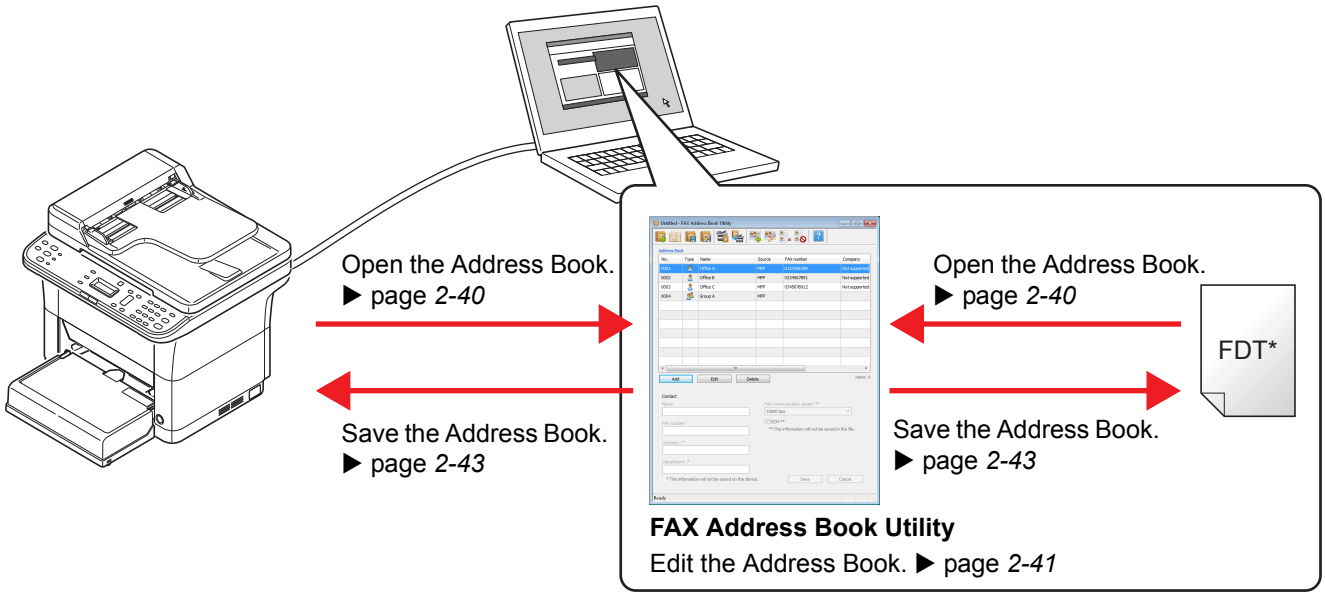
Accessing the FAX Address Book Utility

1. Start KYOCERA Client Tool as explained in *Accessing KYOCERA Client Tool* on page *2-26*.
2. Click **Address Book** on the **FAX** tab. The FAX Address Book Utility opens.



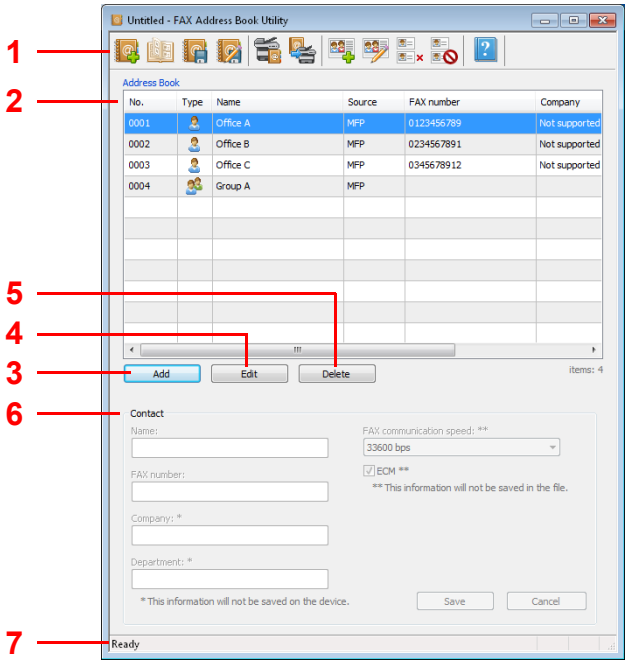
Overview

The Address Book used as follows.



Note FDT file is our Address Book file format for FAX. The Address Book can be exported to another FAX from an FDT file.

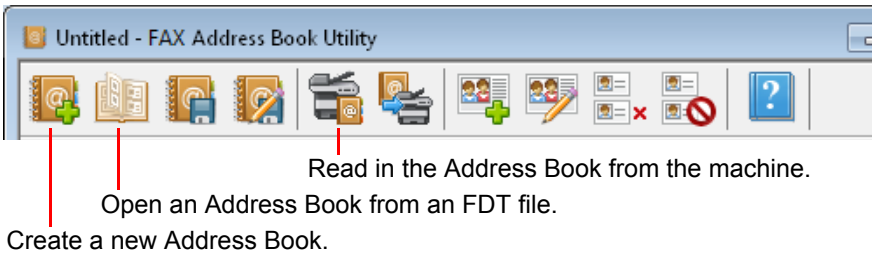
FAX Address Book Utility Screen



No.	Item	Description	Reference Page
1	Main Toolbar	Quick access to some important functionalities.	—
2	Address Book list	Shows all address and group entries in the open Address Book.	—
3	**Add**	Add a new entry to the list.	2-41
4	**Edit**	Change an entry selected from the list.	2-42
5	**Delete**	Delete the entries selected from the list.	2-42
6	**Contact**	Enter the **Name**, **FAX Number**, **Company**, and **Department** for the entry to be registered in the Address Book and set the **FAX communication speed** and the **ECM**. These are enabled when **Add** or **Edit** is clicked. **Note** **Name**, **Company** and **Department** are used on the cover page when sending a fax. **Company** and **Department** will not be saved on the device and **FAX communication speed** and **ECM** will not be saved on the file.	2-41
7	Status bar	Shows the current status of the menu.	—

Opening the Address Book

Open an Address Book to be edited.

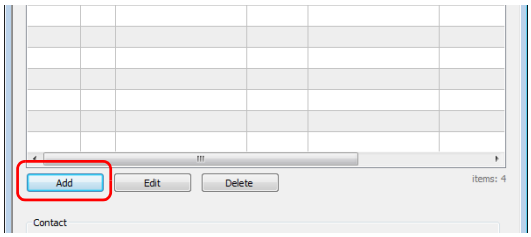

Untitled - FAX Address Book Utility
Read in the Address Book from the machine.
Open an Address Book from an FDT file.
Create a new Address Book.

Editing the Address Book

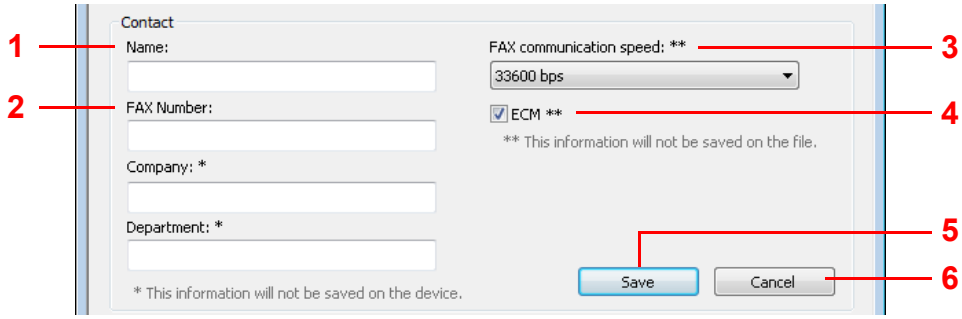
Add and edit entries in the Address Book. A combined total of 120 contact and group entries can be added.

Adding a Contact

1 Click **Add**.



2 Enter the information of the entry.



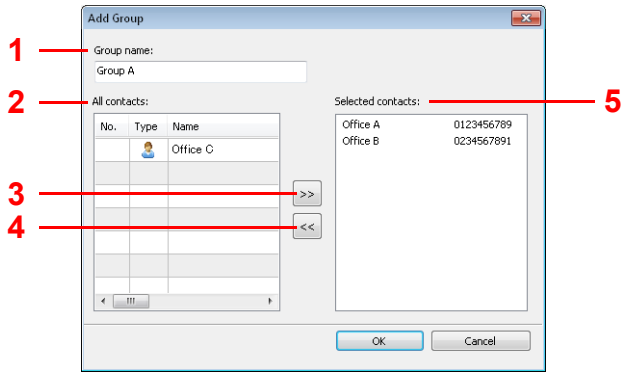
No.	Item	Description
1	**Name**	Enter the **Name**. Up to 32 characters can be entered.
2	**FAX Number**	Enter the **FAX Number**. Up to 32 characters can be entered.
3	**FAX communication speed**	Configure the FAX communication start speed. Value: **9600 bps**, **14400 bps**, **33600 bps** **Note** Normally the default setting should be used.
4	**ECM**	Turn on ECM communication. ECM (error correction mode) is a function to automatically resend an image that has not been correctly sent or received due to the effects of noise on the telephone line during transmission.
5	**Save**	Save the information that you entered.
6	**Cancel**	Cancel the information that you entered.

3 Click **Save**. The new entry appears in the list at the top of the screen.

Adding a Group

1 Click **Add group** icon.

2 Enter the information of the group being added.

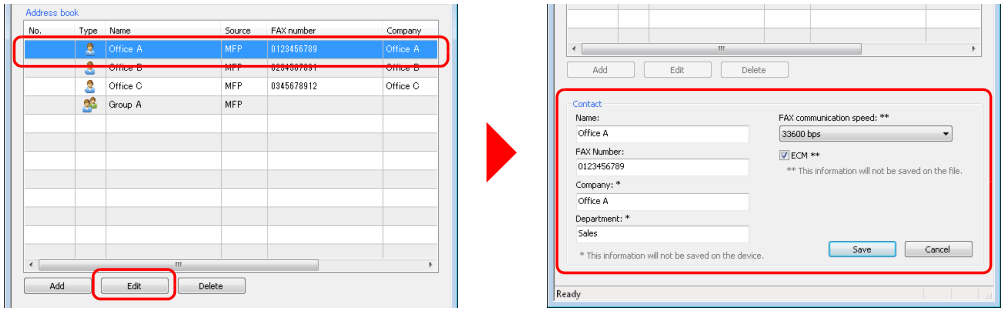


No.	Item	Description
1	**Group name**	Enter the Group Name. The name entered here will appear in the list in the Address Book. Up to 32 characters can be entered.
2	**All contacts**	Shows all entries (contacts only) registered in the opened Address Book.
3	**>>**	Move the entry selected in the **All contacts** list to the **Selected contacts** list. Up to 100 entries can be selected.
4	**<<**	Delete the selected entry from the **Selected contacts** list and returns it to the **All contacts** list.
5	**Selected contacts**	Shows the entries in the group.

3 Click **OK** to add the group and exit Add Group. Click **Cancel** to exit Add Group without adding the group.

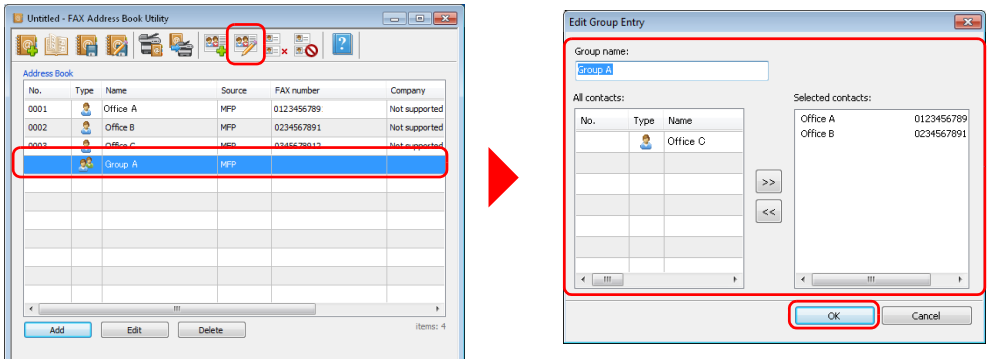
Editing Address Book Entries

- Edit a contact entry.



Select the contact entry to be edited and click **Edit**. Edit the contact entry and click **Save**. For the information in contact entries, refer to *Adding a Contact* on page *2-41*.

- Edit a group entry.

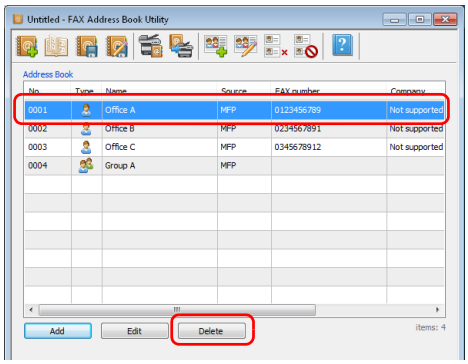


Select a group entry to be edited and click the **Edit group** icon. The **Edit Group Entry** screen appears. Edit the group entry information and click **OK**.

Note The **Edit Group Entry** screen can also be opened by double-clicking the group entry to be edited.

For the information in group entries, refer to *Adding a Group* on page *2-41*.

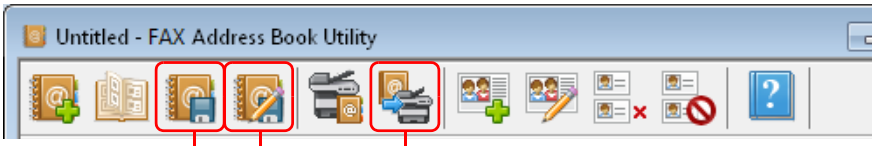
- Delete an entry.



Select the entry to be deleted from the list, and click **Delete**.

Saving the Address Book

When you have finished editing the Address Book, save the Address Book in the machine or in an FDT file.



Save the Address Book in the machine.

Save the Address Book as an FDT file with a different name.

Save the Address Book in the FDT file.

Registering Reject List

Register a Reject List for RX Restriction.

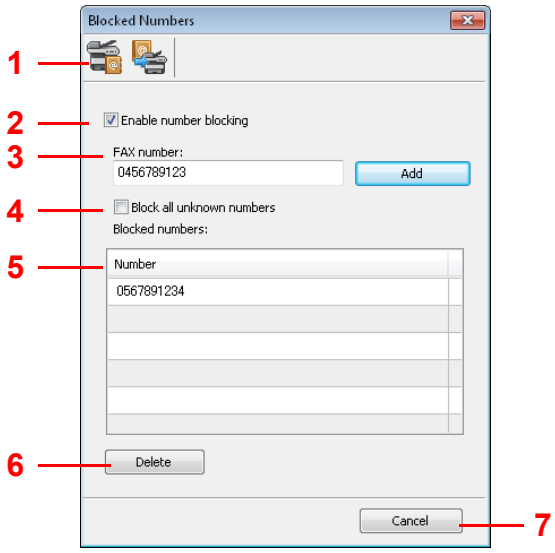
Reception from FAX numbers registered in the Rejected numbers (blocked numbers) will be rejected. Reception from parties that do not provide fax number notification can also be rejected.

To enable RX Restriction, set RX Restriction in the Reject List. For more information, refer to *RX Restriction* on page *7-34*.

1 Click **Block numbers** icon.

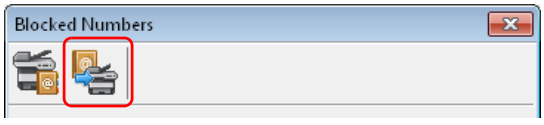
Note Rejected numbers (blocked numbers) are stored in the machine. To read in the numbers stored in the machine, click the **Block numbers** icon.

2 Enter the Rejected numbers (blocked numbers) information.



No.	Item	Description
1	**Load from Device**	Load Rejected numbers (blocked numbers) information from the machine.
2	**Enable number blocking**	Select this checkbox to reject reception from rejected numbers (blocked numbers). To enable this setting, select this checkbox and set the `Reject List` as explained in *Setting RX Restriction* on page *7-34*.
3	**FAX number**	Enter a FAX number from which reception will be rejected. Up to 20 characters can be entered. Click **Add** to add the number to the list at the bottom of the screen.
4	**Block all unknown numbers**	Select this checkbox to reject reception from parties that do not provide fax number notification. To enable this setting, select this checkbox and set `Reject` as explained in *Unknown Number RX* on page *7-34*.
5	**Blocked numbers** list	Shows the numbers that have been registered in Rejected numbers (blocked numbers). Up to 10 Rejected numbers (blocked numbers) can be registered.
6	**Delete**	To delete numbers from Rejected numbers (blocked numbers), select the numbers in the list and click **Delete**.
7	**Cancel**	Exit without registering Rejected numbers (blocked numbers).

3 Click the **Save to device** icon to save the Rejected numbers in the machine.



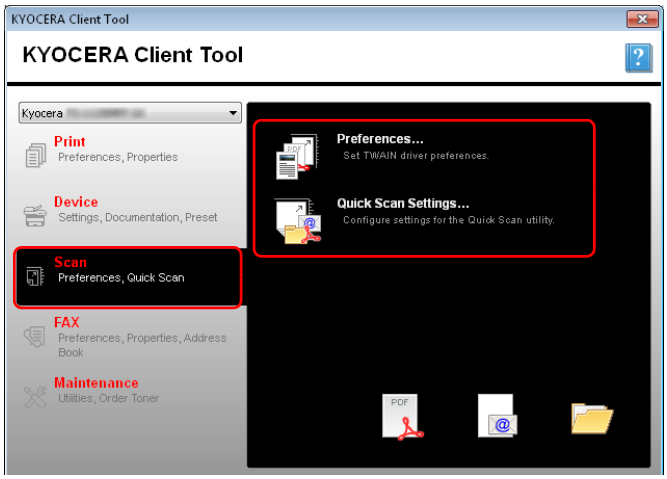
Quick Scan/TWAIN Settings

Settings required for scanning on the machine are explained below. The settings specified here will be the default settings for scanning.

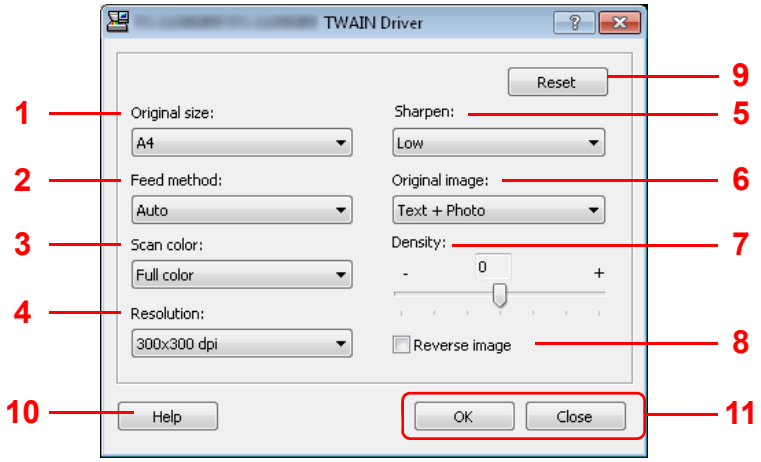
Item	Description
Preferences	Change the TWAIN scan settings. This setting is effective for Quick Scan only.
Quick Scan Settings	Change the settings for Scan to PDF, Scan to Email, and Scan to Folder.

1 Start KYOCERA Client Tool as explained in *Accessing KYOCERA Client Tool* on page *2-26*.

2 Click **Preferences** or **Quick Scan Settings** on the **Scan** tab.



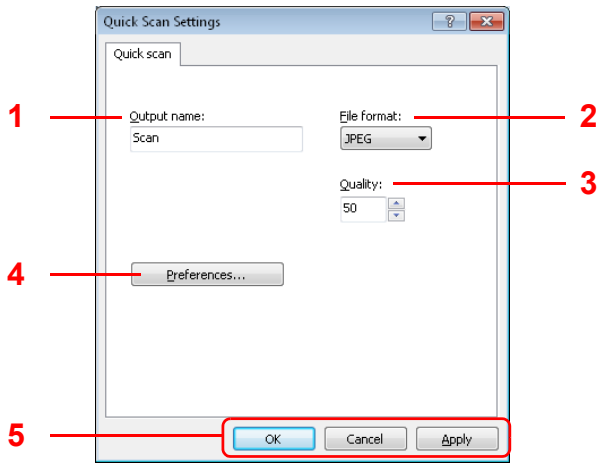
TWAIN Settings



No.	Item	Description
1	**Original size**	Specify the size of originals being scanned. The sizes that can be selected vary depending on the **Feed method** setting. Value: (when the **Feed method** is **Auto** or **Platen**) **Letter**, **Statement**, **Executive**, **A4**, **A5**, **A6**, **B5 (JIS)**, **B5 (ISO)**, **16K**, **Custom** (when the **Feed method** is **Document Processor**) **Letter**, **Legal**, **Statement**, **Executive**, **A4**, **A5**, **A6**, **Folio**, **B5 (JIS)**, **B5 (ISO)**, **Oficio II**, **16K**, **216 × 340 mm**, **Custom** **Note** Refer to *Configuration* on page *2-48* for selecting Custom.

No.	Item	Description
2	**Feed method**	Select the original feed method. Value: **Auto**, **Document Processor**, **Platen**
3	**Scan color**	Select the color mode setting. Value: **Monochrome**, **Grayscale**, **Full color**
4	**Resolution**	Select fineness of scanning resolution. Value: **200 × 200 dpi**, **300 × 300 dpi**, **400 × 400 dpi**, **600 × 600 dpi**
5	**Sharpen**	Adjust the sharpness of the image. Value: **None**, **Low**, **Medium**, **High**, **Descreen** (Blurs the outlines and reduces the sharpness.)
6	**Original image**	Select original image type for best results. Value: **Text**, **Photo**, **Text+Photo**
7	**Destiny**	Select the density. Value: **-3** (Lighter) to **3** (Darker)
8	**Reverse image**	When this is selected, the image color reverses.
9	**Reset**	Reset the settings to the previous settings.
10	**Help**	Displays the Help screen.
11	**OK/Close**	Clicking **OK** exits the TWAIN Settings after applying the modified scan settings. Clicking **Close** exits the TWAIN Settings without applying the modified scan settings.

Quick Scan Settings



No.	Item	Description
1	**Output name**	Assign a document name to scanned images. When multiple images are saved in the same folder, a three-digit incrementing number such as Scan_001, Scan_002... is appended to the end of the file name. Up to 16 characters can be entered.
2	**File format**	Specify the image file format. Value: **BMP**, **JPEG**, **PNG**, **TIFF**, **PDF** **Note** In Scan to PDF, all images are saved in PDF format.

No.	Item	Description
3	**Quality**	Set the image quality if **File format** is **JPEG**. The higher quality becomes the lower compression. This is disabled for non-JPEG format. Value: **1** to **100** **Note** Non-numeric characters cannot be entered. If entered number is beyond range, the max/min value will be restored.
4	**Preferences**	Displays the TWAIN settings screen. For details, refer to *TWAIN Settings* on page *2-45*.
5	**OK/Cancel/Apply**	Clicking **OK** exits the Quick Scan Settings after applying the modified scan settings. Clicking **Cancel** exits the Quick Scan Settings without applying the modified scan settings. Clicking **Apply** applies the modified scan settings without exiting the Quick Scan Settings.

Configuration

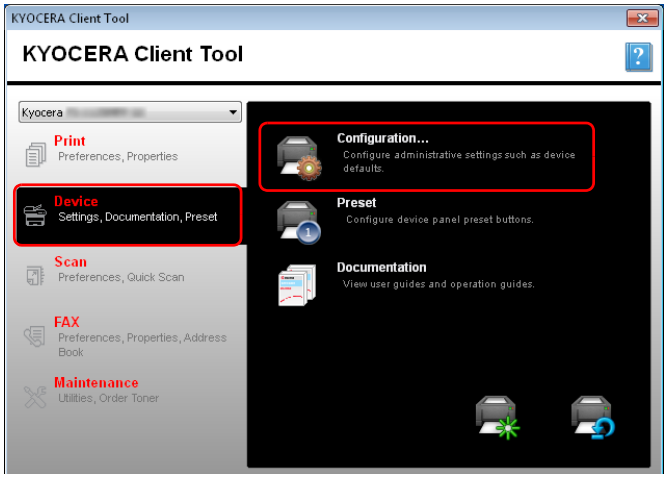
The Configuration is a function of KYOCERA Client Tool. The default settings of the machine can be changed and the messages that appear in the Status Monitor can be set.

Note For the detailed functions of the Configuration, refer to *KYOCERA Client Tool User Guide*.

Accessing the Configuration

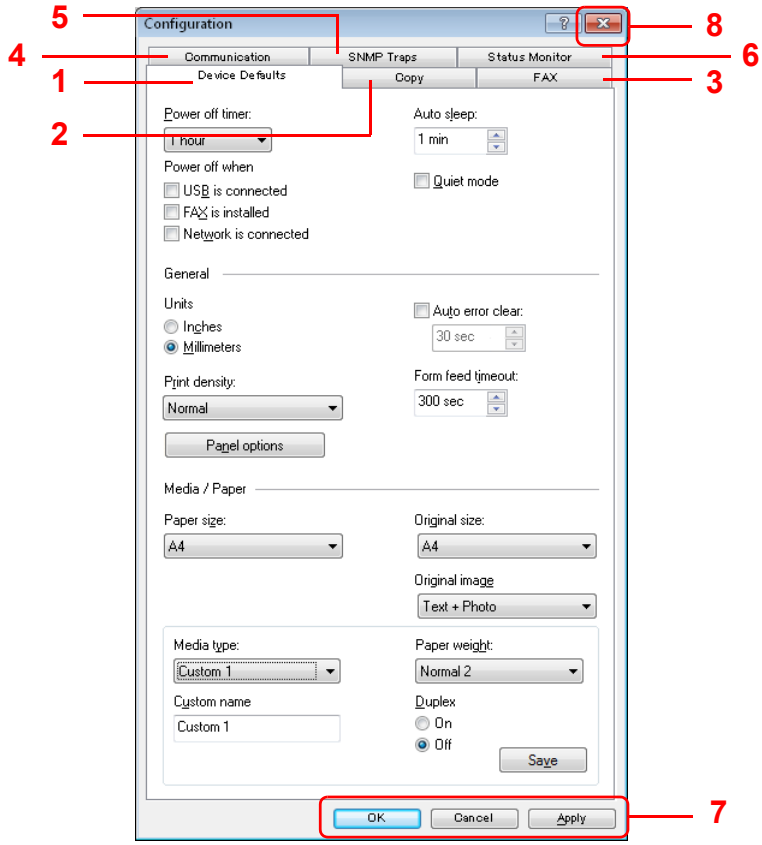
Follow these steps to display the Configuration on the desktop.

1. Start KYOCERA Client Tool as explained in *Accessing KYOCERA Client Tool* on page *2-26*.
2. Click **Configuration** on the **Device** tab. The Configuration opens.



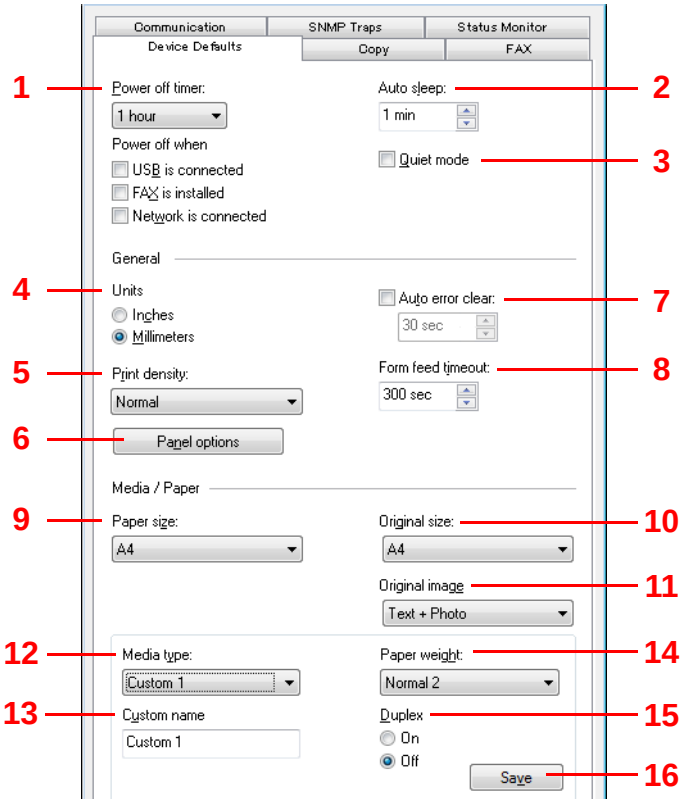
Configuration Screen

General

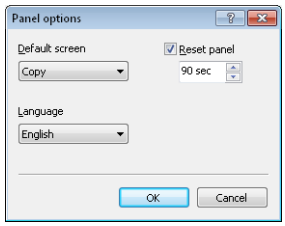
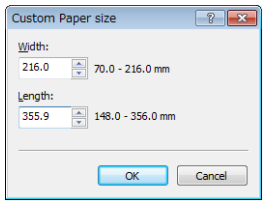
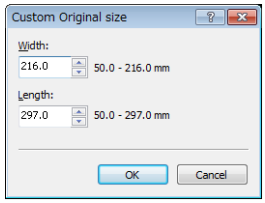


No.	Item	Description	Reference Page
1	**Device Defaults**	Configure overall machine operation.	2-50
2	**Copy**	Configure settings for copying functions.	2-52
3	**FAX**	Configure settings for fax functions. **Note** This setting only appears on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.	2-53
4	**Communication**	Configure network settings.	2-55
5	**SNMP Traps**	Configure SNMP trap settings.	2-56
6	**Status Monitor**	Configure settings for the Status Monitor.	2-57
7	**OK/Cancel/Apply**	Clicking **OK** exits the Configuration after applying the modified machine settings. Clicking **Cancel** exits the Configuration without applying the modified machine settings. Clicking **Apply** applies the modified machine settings without exiting the Configuration. **Note** When clicking **OK** or **Apply** to apply the settings, the disconnection error may occur if the System Menu is open in the message display of the machine's operation panel.	—
8	—	Close the Configuration.	—

Device Defaults Tab

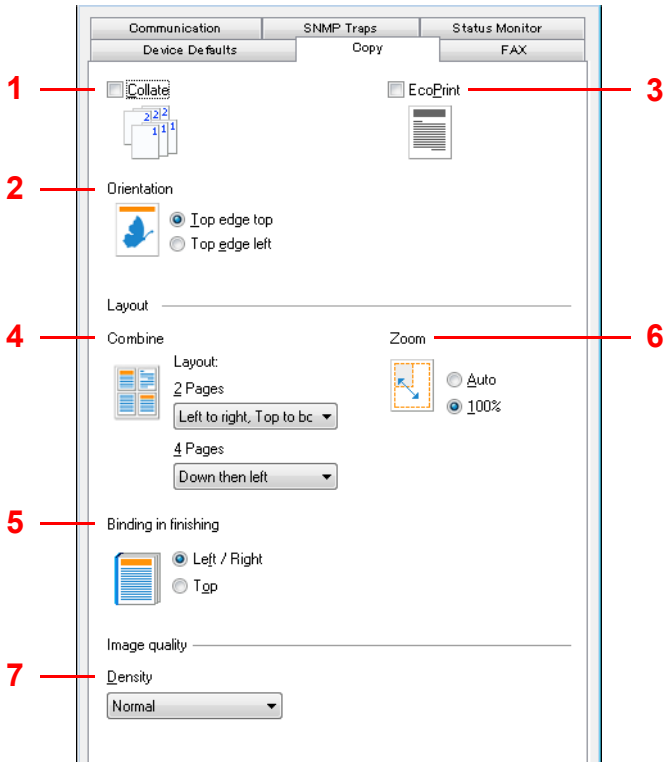


No.	Item	Description
1	**Power off timer**	Select the length of time before the machine shuts off automatically when not in use. The default preset time is **1 hour**. Value: **1** to **6 hours**, **9 hours**, **12 hours**, **1 day** to **1 week** Also, selects whether or not to turn the power off automatically when the **USB is connected**, when the **Network is connected** and when the **FAX is installed**. **Note FAX is installed** only appears on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP. If the optional Fax kit is installed, note that turning the machine off at the main power switch disables fax transmission and reception. **Network is connected** only appears on the FS-1025MFP, FS-1125MFP and FS-1325MFP.
2	**Auto sleep**	Set the sleep timer for the machine to go into sleep mode when not in use. The default preset time is 1 minute. Value: **1** to **240** minutes (1 minute increments)
3	**Quiet mode**	Turn on Quiet Mode. Refer to *Quiet Mode* on page *1-4*.
4	**Units**	Select **Inches** or **Millimeters** for the unit for paper dimensions.
5	**Print density**	Adjust density using 5 levels. Value: **Light**, **Medium light**, **Normal**, **Medium dark**, **Dark**

No.	Item	Description
6	**Panel options**	Opens **Panel options** screen.  • **Default screen**: Select the screen appearing right after start-up (default screen). **Note** To enable the change immediately, turn the machine OFF and then ON. Otherwise wait until the machine once enters the sleep and then resumes. • **Language**: Select the language displayed on the message display. • **Reset panel**: If no jobs are run for a certain period of time, automatically reset settings and return to the default setting. If you select On for **Reset panel**, set the amount of time to wait before Reset panel.
7	**Auto error clear**	Enable auto error clear. If an error occurs during processing, processing stops to wait for the next step to be taken by the user. In the auto error clear mode, automatically clear the error after a set amount of time elapses. If you select On for auto error clear, set the amount of time to wait before automatically clearing errors. Value: **5** to **495** seconds (every five seconds)
8	**Form feed timeout**	When receiving print data from the computer, the machine may sometimes wait if there is no information signaling that the last page does not have any more data to be printed. When the preset timeout passes, the machine automatically prints the documents. The options are between 5 and 495 seconds. Value: **5** to **495** seconds (every five seconds)
9	**Paper size**	Set the default paper size to load in the cassette. Value: **Letter**, **Legal**, **Statement**, **Executive**, **A4**, **A5**, **A6**, **Folio**, **B5 (JIS)**, **B5 (ISO)**, **Oficio II**, **216 × 340 mm**, **16K**, **Custom size** When a **Custom size** is selected, the **Custom Paper size** screen appears.  Type or select values for **Width** and **Length**. If the **Width** or **Length** value exceeds the allowable limit, it automatically adjusts to the limit after **OK** is clicked.
10	**Original size**	Set the default original size to be scanned. Value: **Letter**, **Legal**, **Statement**, **Executive**, **A4**, **A5**, **A6**, **Folio**, **B5 (JIS)**, **B5 (ISO)**, **Oficio II**, **216 × 340 mm**, **16K**, **Custom size** When a **Custom size** is selected, the **Custom Original size** screen appears.  Type or select values for **Width** and **Length**. If the **Width** or **Length** value exceeds the allowable limit, it automatically adjusts to the limit after **OK** is clicked.
11	**Original image**	Set the default image quality. Value: **Text + Photo**, **Photo**, **Text**, **Text + High resolution photo**
12	**Media type**	Set the default media type to load in the cassette. Value: **Plain**, **Preprinted**, **Labels**, **Bond**, **Recycled**, **Vellum** (60 to 64 g/m²), **Rough**, **Letterhead**, **Color**, **Prepunched**, **Envelope**, **Cardstock**, **Thick** (90 to 220 g/m²), **High quality**, **Custom 1**-**8** When **Custom 1**-**8** is selected, the **Custom name** and **Duplex enabled** appear.

No.	Item	Description
13	**Custom name**	Change names for **Custom 1**-**8**. Selecting media type, the name after change will be displayed.
14	**Paper weight**	Select weight for each media type. For details, refer to *Paper Type* on page *2-12*. Value: **Light**, **Normal 1**, **Normal 2**, **Normal 3**, **Heavy 1**, **Heavy 2**, **Heavy 3**
15	**Duplex**	For **Custom 1**-**8**, settings for duplex printing can be changed. Value: **On**, **Off** **Note** This setting only appears on the FS-1025MFP, FS-1125MFP and FS-1325MFP.
16	**Save**	Save the **Paper weight**, **Custom name** and **Duplex** settings that are set for **Custom 1**-**8**.

Copy Tab

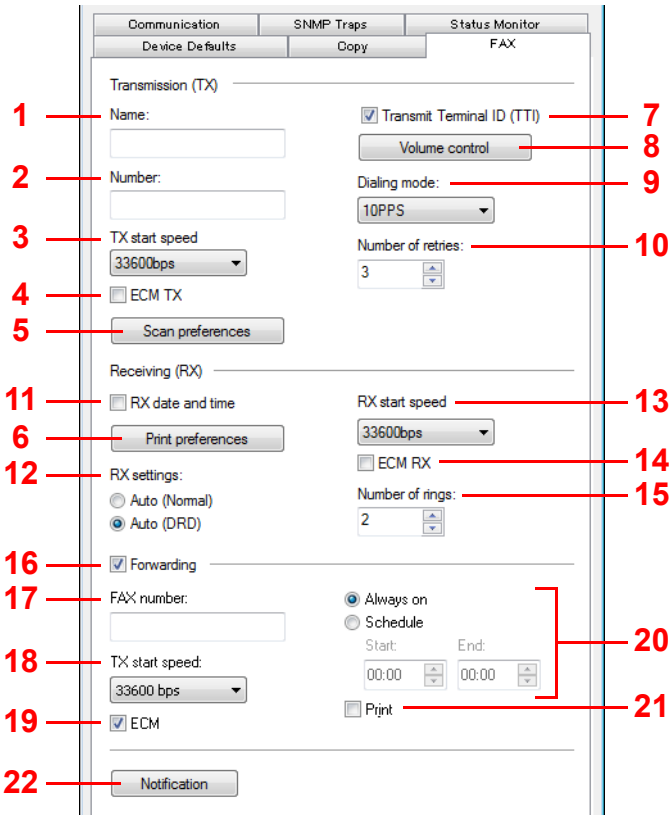


No.	Item	Description
1	**Collate**	Select the defaults for Collate.
2	**Orientation**	Set the original orientation defaults. Value: **Top edge top**, **Top edge left**
3	**EcoPrint**	Select the EcoPrint default.
4	**Combine**	Set the default value for the layout for Combine. Value: (**2 Pages**) **Left to right, Top to bottom**, **Right to left** (**4 Pages**) **Right then down**, **Down then right**, **Left then down**, **Down then left**
5	**Binding in finishing**	Set the binding direction selection when doing duplex copies. Value: **Left / Right**, **Top** **Note** This setting only appears on the FS-1025MFP, FS-1125MFP and FS-1325MFP.
6	**Zoom**	Select the default zoom setting. Value: **Auto**, **100%**

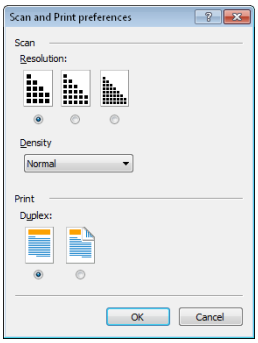
No.	Item	Description
7	**Density**	Set the default value for the copy density. Value: **Lighter (-3)**, **Lighter (-2)**, **Lighter (-1)**, **Normal**, **Darker (+1)**, **Darker (+2)**, **Darker (+3)**

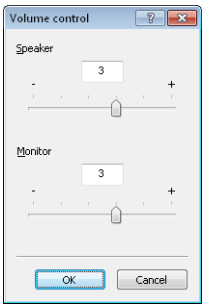
FAX Tab

Note The **FAX** tab only appears for the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.



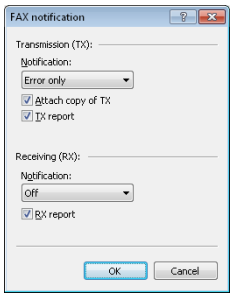
No.	Item	Description
1	**Name**	Register the local fax name printed on the fax on the receiving system. Up to 32 characters can be entered.
2	**Number**	Register the local fax number printed on the fax on the receiving system. Up to 32 characters can be entered.
3	**TX start speed**	Set the TX start speed. Value: **33600 bps**, **14400 bps**, **9600 bps**
4	**ECM TX**	Set whether ECM TX is performed.

<table>
<tr><th>No.</th><th>Item</th><th>Description</th></tr>
<tr><td>5</td><td>Scan preferences</td><td rowspan="2">Opens Scan and Print preferences screen.
 

Resolution: Select fineness of images when sending fax.
Value: 200 × 100 dpi Normal, 200 × 200 dpi Fine, 200 × 400 dpi Super fine
Density: Adjust density using 7 levels when sending fax.
Value: Lighter (-3), Lighter (-2), Lighter (-1), Normal, Darker (+1), Darker (+2), Darker (+3)
Duplex: Performs duplex printing if a fax of multiple pages are received when printing a fax.
Value: Off, On
Note Duplex only appears on the FS-1125MFP and FS-1325MFP.
</td></tr>
<tr><td>6</td><td>Print preferences</td></tr>
<tr><td>7</td><td>Transmit Terminal ID (TTI)</td><td>Select whether or not to print the local fax information on the fax on the receiving system.</td></tr>
<tr><td>8</td><td>Volume control</td><td>Opens Volume control screen.
 

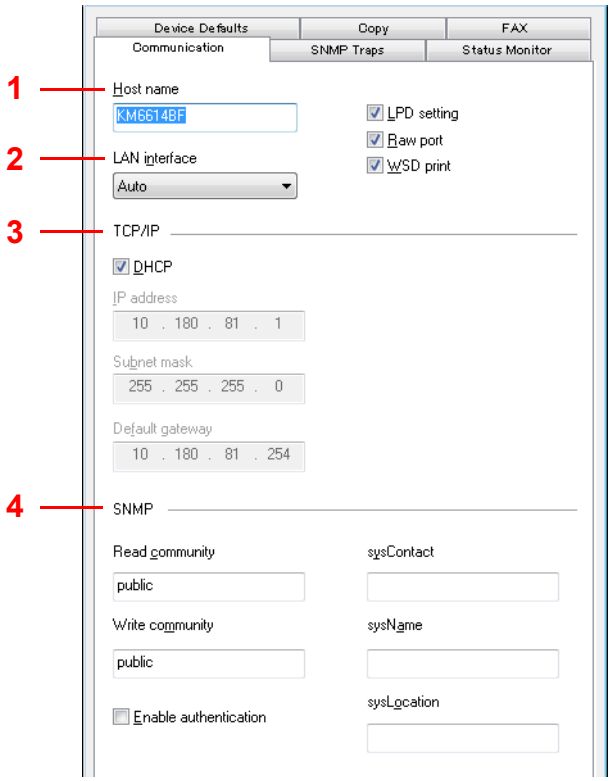
Speaker: Adjust the volume of the speaker.
Value: 0 - 5
Monitor: Adjust the volume of the monitor.
Value: 0 - 5

For details on volume, refer to Sound on page 7-25.</td></tr>
<tr><td>9</td><td>Dialing mode</td><td>Select the dialing mode according to the line type.
Note This setting does not appear in some regions.</td></tr>
<tr><td>10</td><td>Number of retries</td><td>The number of automatic retry times can be changed.
Value: 0 - 14</td></tr>
<tr><td>11</td><td>RX date and time</td><td>Reception date/time function adds the reception date/time, sender information and number of pages on the top of each page when the message is printed out.</td></tr>
<tr><td>12</td><td>RX settings</td><td>Select the reception mode.
Value: Auto (Normal), Auto (DRD)
Note DRD reception mode is only available for Australia and New Zealand. This setting does not appear in other regions.</td></tr>
<tr><td>13</td><td>RX start speed</td><td>Set the RX start speed.
Value: 33600 bps, 14400 bps, 9600 bps</td></tr>
<tr><td>14</td><td>ECM RX</td><td>Set whether ECM RX is performed.</td></tr>
<tr><td>15</td><td>Number of rings</td><td>The number of rings until the machine answers a call can be changed as needed.
Value: 1 - 15</td></tr>
<tr><td>16</td><td>Forwarding</td><td>Set whether to forward the received faxes.</td></tr>
<tr><td>17</td><td>FAX number</td><td>Register a forwarding destination. Up to 64 characters can be entered.</td></tr>
<tr><td>18</td><td>TX start speed</td><td>Set the TX start speed when forwarding.
Value: 33600 bps, 14400 bps, 9600 bps</td></tr>
<tr><td>19</td><td>ECM</td><td>Set the ECM when forwarding.</td></tr>
<tr><td>20</td><td>Forward time setting</td><td>Register the start time and end time between which forwarding is enabled.</td></tr>
</table>

No.	Item	Description
21	**Print**	You can set whether the machine should print received originals when forwarding them.
22	**Notification**	Opens **Notification** screen.  Set the settings related to fax reports. • **Transmission (TX)** **Notification**: Each time you send a fax, you can print a report to confirm whether the fax was sent successfully. Value: **Off**, **On**, **Error only** **Attach copy of TX**: When this is selected, you can print the transmitted image in the send result report. **TX report**: When this is selected, the administration report is printed after every 50 fax transmissions. • **Receiving (RX)** **Notification**: Each time you receive a fax, you can print a report to confirm whether the fax was received successfully. Value: **Off**, **On**, **Error only** **RX report**: When this is selected, the administration report is printed after every 50 fax receptions.

Communication Tab

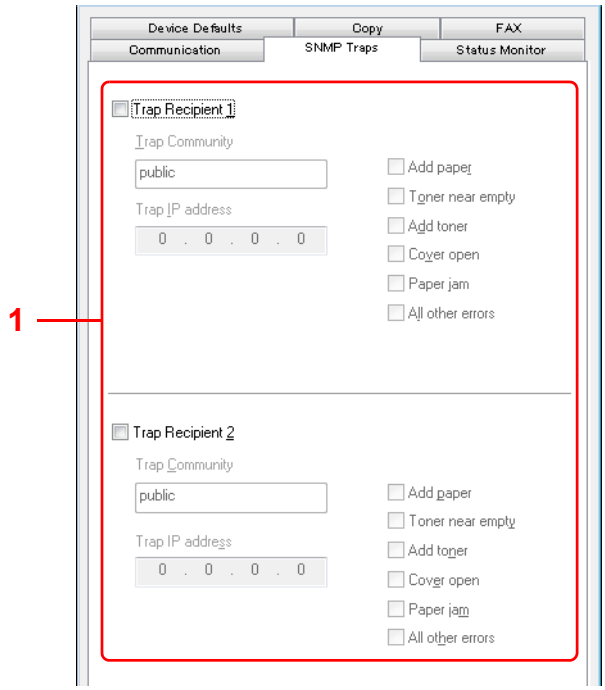
Note The **Communication** tab only appears for the FS-1025MFP, FS-1125MFP and FS-1325MFP.



No.	Item	Description
1	**Host name**	Enter the host name of the machine. MAX characters: 16
2	**LAN interface**	Select the type of LAN interface installed on the machine. You can also select check boxes for available port types that the machine uses for communication: **LPD setting**, **Raw port**, **WSD print**. Value: **Auto**, **10Base-half**, **10Base-full**, **100Base-half**, **100Base-full**
3	**TCP/IP**	Select the check box to enable the DHCP protocol. Enter the **IP address**, **subnet mask**, and **Default gateway** values.
4	**SNMP**	Select the check box to enable the SNMP protocol, and then select SNMP protocol options. The SNMP protocol is used for providing and transferring management information within the network environment. **Read community** and **Write community** can have up to 16 characters. The default community is public. Type **sysContact**, **sysName**, and **sysLocation** information up to 32 characters. Select **Enable authentication** to activate machine authentication.

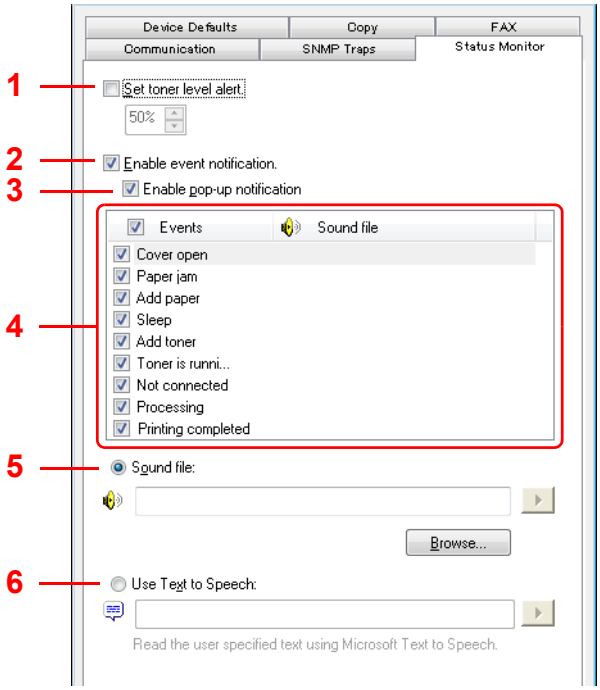
SNMP Traps Tab

Note The **SNMP Traps** tab only appears for the FS-1025MFP, FS-1125MFP and FS-1325MFP connected by network connection.



No.	Item	Description
1	**Trap Recipient**	You can select SNMP trap settings for 1 or 2 IP addresses. Should an error occur, such as **Add paper**, the machine automatically generates a trap. The trap sends an error message to one or two predetermined trap recipients. The trap server is the SNMP trap packet receiver which runs in the application. The default community is public. For each IP address, select the **Trap Recipient** check box, type the name of the trap community and IP address, and select from available events.

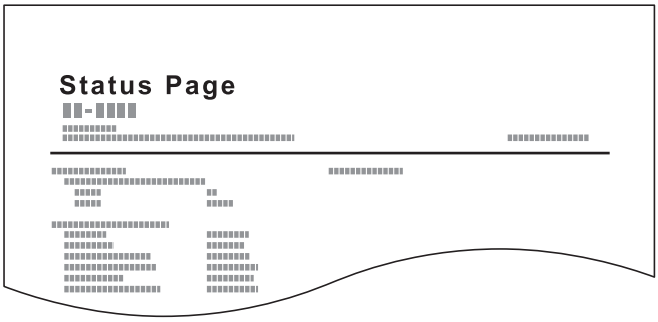
Status Monitor Tab



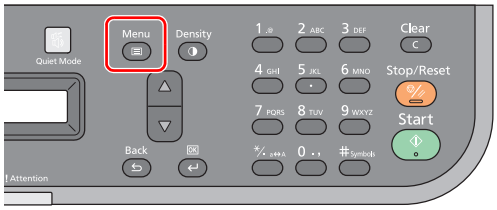
No.	Item	Description
1	**Set toner level alert**	Select to create an alert when the toner starts running low, and then select a percentage between 0 and 100. If the toner level goes below this percentage, an alert icon is displayed on the **Supplies** tab at the bottom of KYOCERA Client Tool screen.
2	**Enable event notification**	Select to activate the notification feature for selected machine events. When selected, notification options are available.
3	**Enable pop-up notification**	When selected, a pop-up message appears in the lower right corner of the screen for each selected event as it occurs.
4	Events list	Select one or more events for the notification. To select all events, select **Events**.
5	**Sound file**	With one or more events selected, select to enable sound notification. Type the location of a sound file (.WAV), or click **Browse** to find a sound file located on your computer. You can press the arrow button to hear the selected sound.
6	**Use Text to Speech**	With one or more events selected, select and type your preferred text. The Microsoft Text to Speech utility reads the text and plays it in a spoken voice. You can press the arrow button to hear the selected text.

Printing the Status Page

You can print the Status Page to check the current settings.



1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

```
Menu                    OK
▲ System Menu
▼
```

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `Report`.

```
System Menu             OK
▲ Report
▼
```

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Status Page`.

```
Report                  OK
▲ Status Page
▼
```

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `Yes`.

```
Status Page             OK
▲ Yes
▼
```

9 Press **[OK]**. Printing starts.

3 Copying

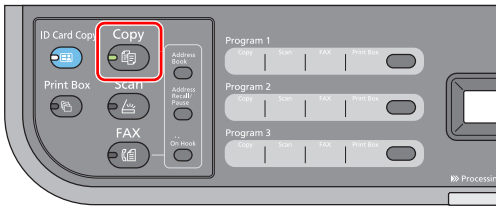
This chapter explains the following topics:

Basic Operation 3-2
Manual Duplex 3-3
Using Programs 3-5
Copying Functions 3-6
ID Card Copy 3-13

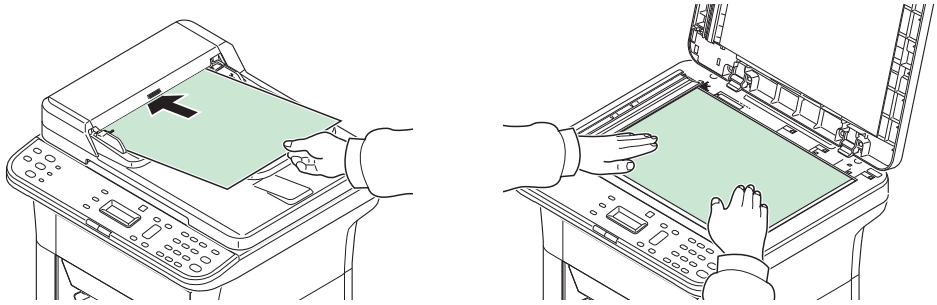
Basic Operation

Follow the steps as below for basic copying.

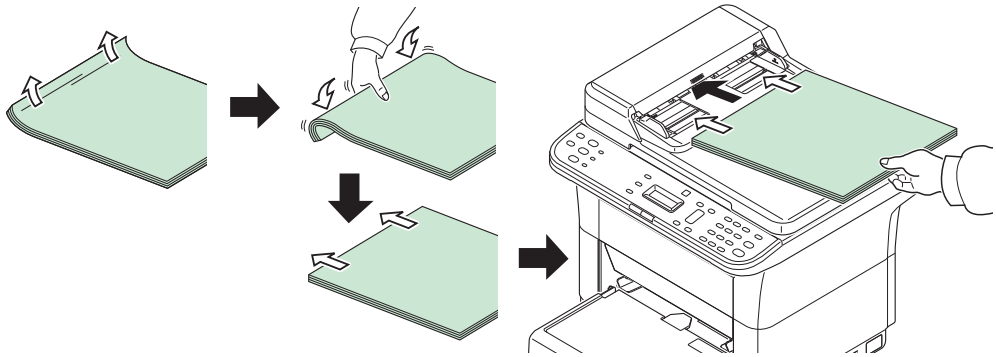
1 Press **[Copy]**.



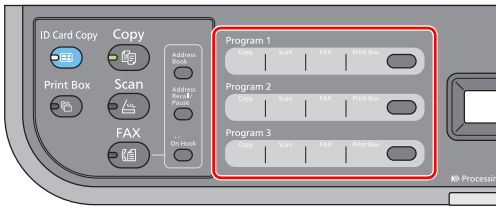
2 Place the originals. For details, refer to *Loading Originals* on page *2-18*.



If the originals are curled at a front edge, straighten them prior to loading.

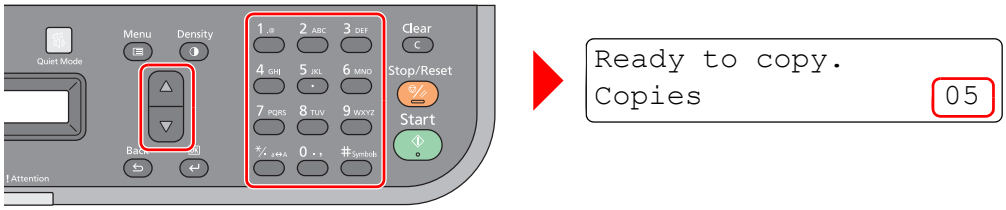


3 If a program is set, press the program key (**[Program 1]** - **[Program 3]**) in which the program is registered.



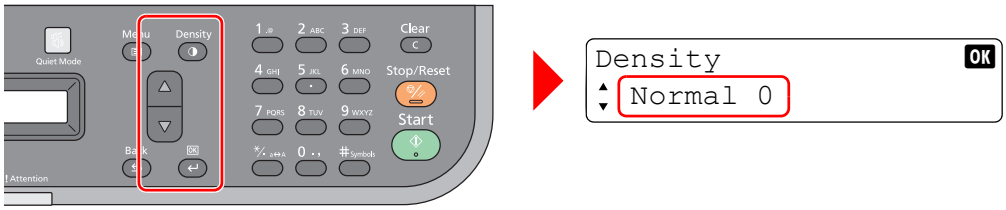
Note For details on functions that are registered in programs, refer to *Using Programs* on page *3-5*.

4 Enter the number of copies.



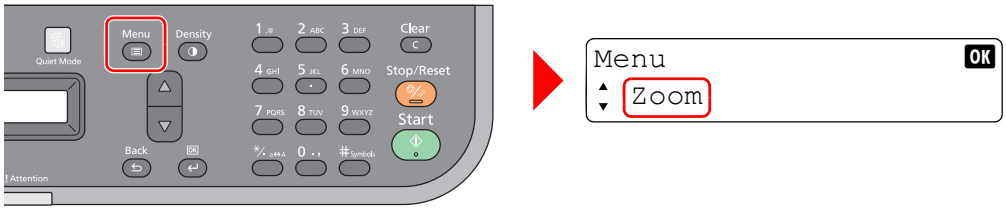
Use the numeric keys, **[▲]** or **[▼]** to enter the copy quantity.

5 Adjust density using 7 levels (`Lighter -3` to `Darker +3`).



Press **[Density]**, and press **[▲]** or **[▼]** to select your desired density. Press **[OK]**.

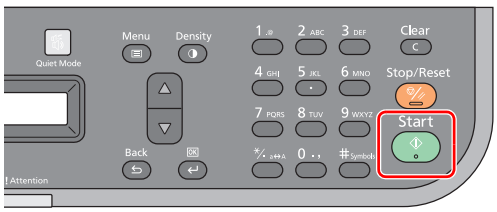
6 Select the copier's functions to use.



Press **[Menu]**. Copy functions can be selected. Press **[▲]** or **[▼]** to select the copier's functions to use.

What do you want to do?	Reference Page
Collate the output documents in page order.	Refer to *Collate* on page *3-6*.
Copy on both sides of the paper.	Refer to *Duplex* on page *3-6*.
Reduce or enlarge the original.	Refer to *Zoom* on page *3-7*.
Combine 2 or 4 originals into 1 sheet.	Refer to *Combine* on page *3-9*.
Specify the original size.	Refer to *Original Size* on page *3-10*.
Specify the original orientation to scan in the correct direction.	Refer to *Original Orientation* on page *3-11*.
Select original image type for best results.	Refer to *Original Image* on page *3-12*.
Save toner when printing.	Refer to *EcoPrint* on page *3-12*.

7 Press **[Start]** to start copying.

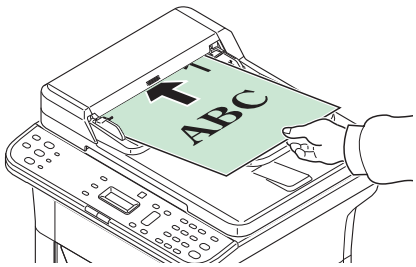


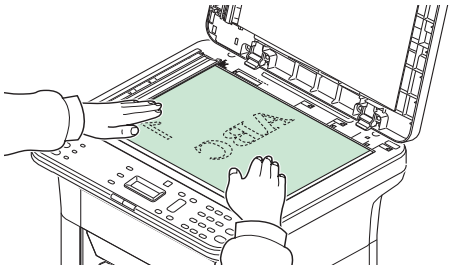
Note To return changed copy functions to the default state, press **[Stop/Reset]**.

Manual Duplex

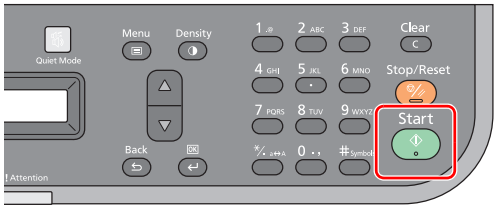
To copy on both sides of the paper, use Manual Duplex.

1 Select copy functions and place the front-side original (or odd numbered page) as explained in *Basic Operation* on page *3-2*.

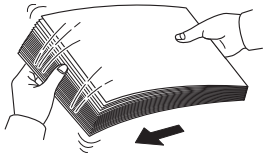




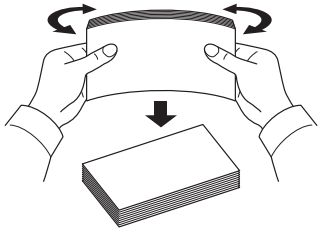
2 Press **[Start]**. The front side is copied.



3 Retrieve the paper from the inner tray. If copying on multiple sheets, fan through the sheets to separate them prior to loading.

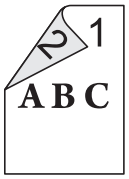


If the paper is curled at an edge, straighten it prior to reloading.

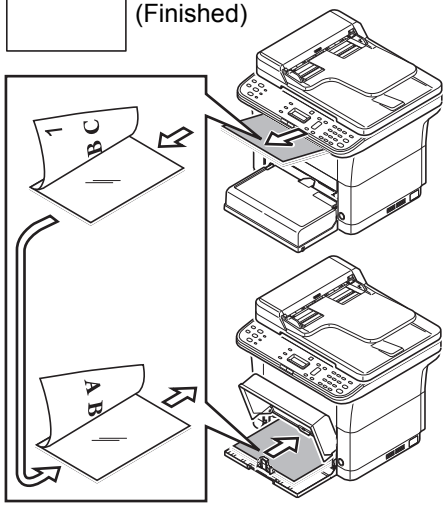


4 Copy the back side (or even numbered page). Load the paper as shown.

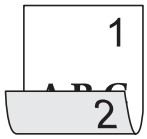
Long Edge Binding



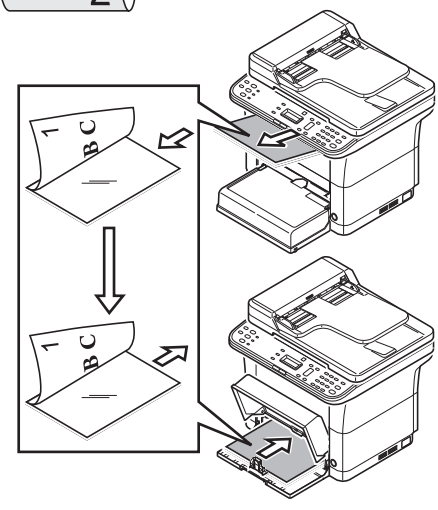
(Finished)



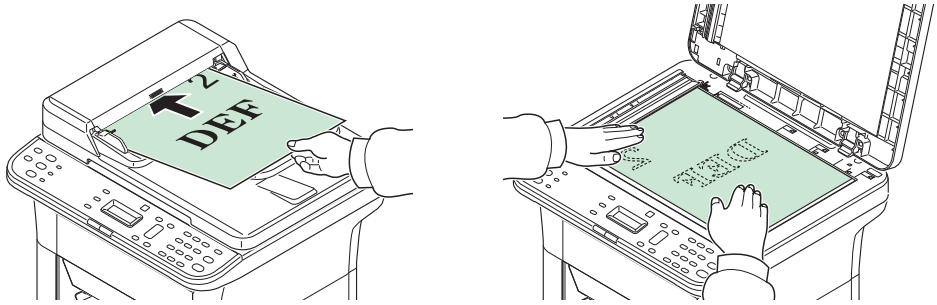
Short Edge Binding



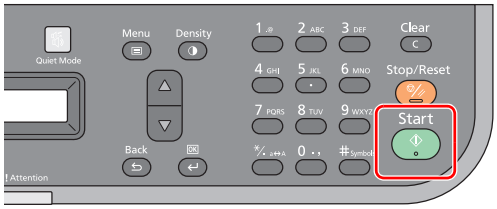
(Finished)



5 Place the back-side original (or even numbered page). For details, refer to *Loading Originals* on page *2-18*.



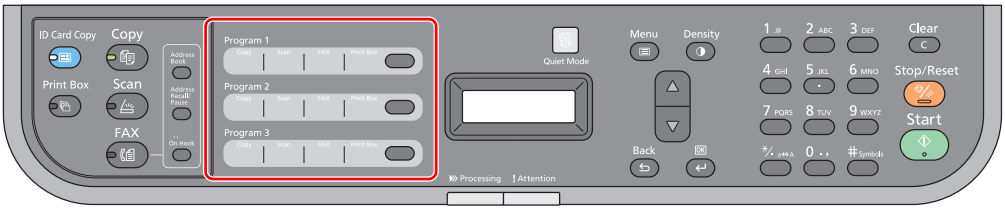
6 Press **[Start]**. The back side is copied, and duplex copying is completed.



Using Programs

If there are settings that you frequently change from the default state, register the settings in a program. You can simply select the program number as needed to recall those functions.

Copy functions can be registered in three programs.



The programs below have been preregistered. The registered contents can be re-registered for easier use in your environment.

Item	Program1	Program2	Program3
Original size	A4 (Letter)	A4 (Letter)	A4 (Letter)
Original image	Text	Text+Photo (300 dpi)	Photo
Copies	1	1	1
Collate	On	On	On
Original orientation	Top Edge Top	Top Edge Top	Top Edge Top
Zoom	Auto	Auto	Auto
Density	Darker (+3)	Lighter (-2)	Normal (0)
EcoPrint	Off	On	Off
Duplex*	Off	On (Binding Left/Right)	Off
Combine	Off	2in1 (Left to right)	Off

* Duplex can only be set on the FS-1025MFP, FS-1125MFP and FS-1325MFP.

Note Refer to *Program Settings* on page *2-32* for registering programs.
Refer to *Basic Operation* on page *3-2* for recalling programs.

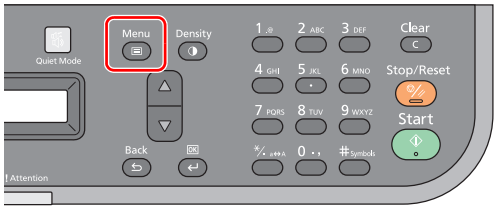
Copying Functions

Note Copy functions can also be set from KYOCERA Client Tool. For details, refer to *Machine Settings* on page *2-26*.

Collate

Offset the output by page or set.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `Collate`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `On`.

```
Collate                    OK
▲ On
▼
```

5 Press **[OK]**.

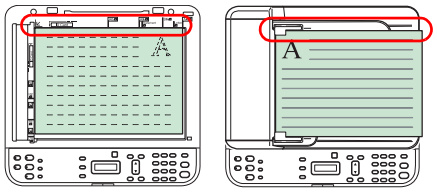
Duplex

Produce two-sided copies.

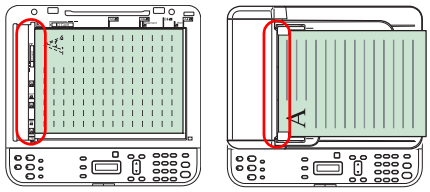
Note Duplex copying can be performed on the FS-1025MFP, FS-1125MFP and FS-1325MFP. To perform Manual Duplex copying on the FS-1120MFP and FS-1320MFP, refer to *Manual Duplex* on page *3-3*.

Select the orientation of the original document top edge to scan correct direction.

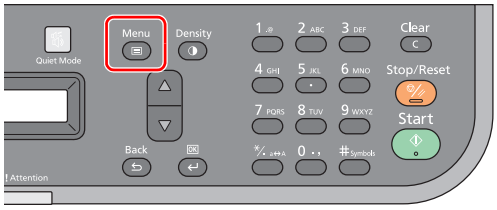
Top Edge Top



Top Edge Left



1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `Duplex`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `1-sided>>2-sided`.

```
Duplex                     OK
▲ 1-sided>>2-sided
▼
```

5 Press **[OK]**.

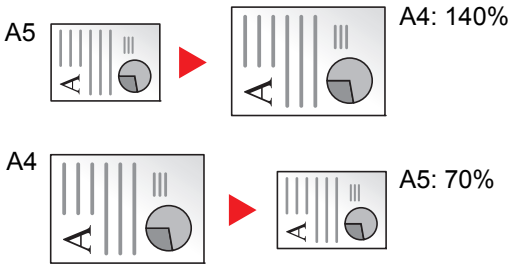
6 Press **[▲]** or **[▼]** to select `Top Edge Top` or `Top Edge Left`.

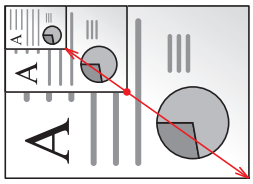
```
Orig. Orientation      OK
▲ Top Edge Top
▼
```

7 Press **[OK]**.

Zoom

Adjust the magnification to reduce or enlarge the original image. The following zoom options are available.



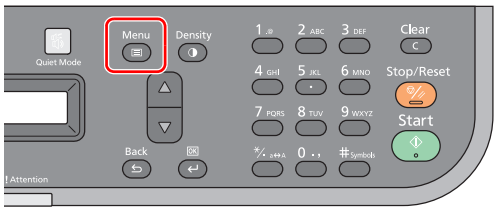


Zoom Entry (25% - 400%)

Item	Description
100%	Copies at full size.
Auto	Adjusts the image to match the paper size.
Standard Zoom	Adjusts the image to match present sizes. **Metric Models:** 400%, 200%, 141% A5 >> A4, 115% B5 >> A4, 100%, 90% FOL >> A4, 86% A4 >> B5, 70% A4 >> A5, 50%, 25%, Others (129% STMT >> LTR, 78% LGL >> LTR, 64% LTR >> STMT) **Inch Models:** 400%, 200%, 129% STMT >> LTR, 100%, 78% LGL >> LTR, 64% LTR >> STMT, 50%, 25%, Others (141% A5 >> A4, 115% B5 >> A4, 90% FOL >> A4, 86% A4 >> B5, 70% A4 >> A5)
Zoom Entry	Specify the image size in 1% increment between 25% - 400% of the original.

Setting 100% or Auto

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `Zoom`.

3 Press **[OK]**.

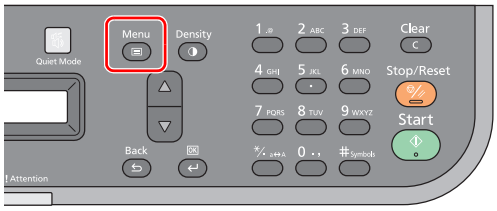
4 Press **[▲]** or **[▼]** to select `100%` or `Auto`.

```
Zoom                   OK
▲ Auto
▼
```

5 Press **[OK]**.

Setting Standard Zoom

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `Zoom`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `Standard Zoom`.

```
Zoom                    OK
▲▼ Standard Zoom
```

5 Press **[OK]**.

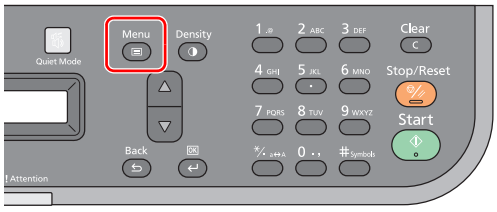
6 Press **[▲]** or **[▼]** to select the desired magnification, and then press **[OK]**.

```
Standard Zoom           OK
▲▼ 100%
```

7 If you select `Others`, press **[▲]** or **[▼]** from the displayed magnification to select the desired magnification, and then press **[OK]**.

Setting Zoom Entry

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `Zoom`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `Zoom Entry`.

```
Zoom                    OK
▲▼ Zoom Entry
```

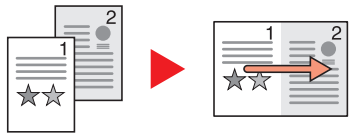
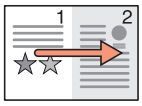
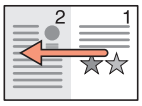
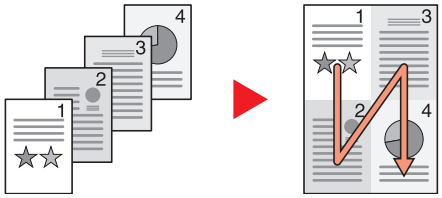
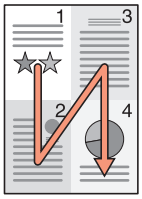
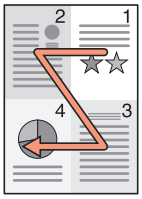
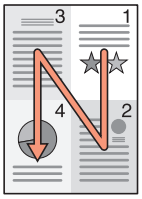
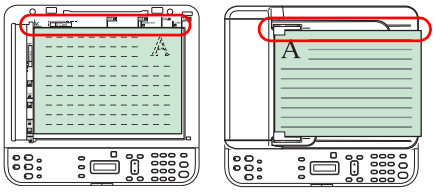
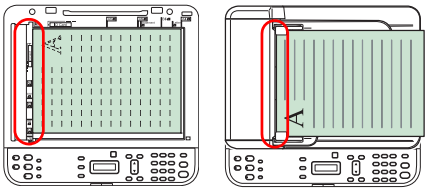
5 Press **[OK]**.

6 Use the numeric keys to enter the any magnification, and then press **[OK]**. A magnification from 25% to 400% can be selected.

```
Zoom Entry              OK
(25 - 400)  200 %
```

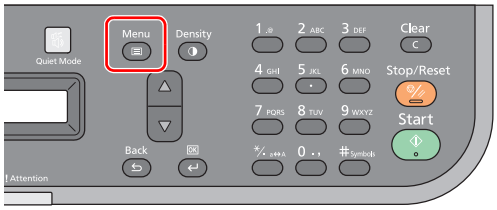
Combine

Combine 2 or 4 original sheets into 1 copied page. You can select the page layout.

	Page layout			
2 in 1 	L to R/T to B 		R to L 	
4 in 1 	Right then Down	Down then Right 	Left then Down 	Down then Left 
Original Orientation Select the orientation of the original document top edge to scan correct direction.	Top Edge Top 		Top Edge Left 	

Setting 2 in 1

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `Combine`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `2 in 1`.

```
Combine                    OK
▲ 2 in 1
▼
```

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `L to R/T to B` or `R to L`.

```
2 in 1                     OK
▲ L to R/T to B
▼
```

7 Press **[OK]**.

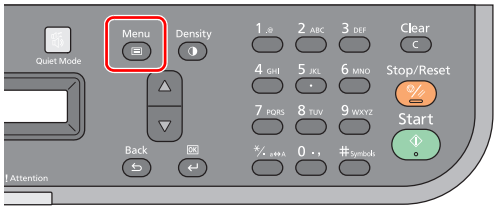
8 Press [▲] or [▼] to select `Top Edge Top` or `Top Edge Left`.

```
Orig. Orientation      OK
▲ Top Edge Top
▼
```

9 Press **[OK]**.

Setting 4 in 1

1 Press **[Menu]**.



2 Press [▲] or [▼] to select `Combine`.

3 Press **[OK]**.

4 Press [▲] or [▼] to select `4 in 1`.

```
Combine                OK
▲ 4 in 1
▼
```

5 Press **[OK]**.

6 Press [▲] or [▼] to select `Right then Down`, `Down then Right`, `Left then Down` or `Down then Left`.

```
4 in 1                 OK
▲ Right then Down
▼
```

7 Press **[OK]**.

8 Press [▲] or [▼] to select `Top Edge Top` or `Top Edge Left`.

```
Orig. Orientation      OK
▲ Top Edge Top
▼
```

9 Press **[OK]**.

Original Size

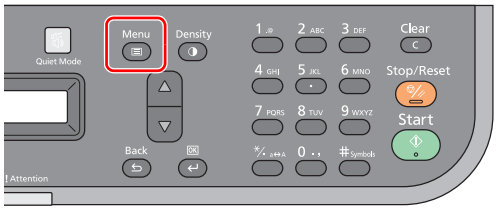
Specify the size of originals being scanned.

The following options are available.

Model	Original Size
Metric Models	A4, A5, A6, B5, Folio, Letter, Legal, Statement, Executive, Oficio II, 216 × 340 mm, 16K, Others (ISO B5, Custom)
Inch Models	Letter, Legal, Statement, Executive, Oficio II, 216 × 340 mm, A4, A5, A6, B5, Folio, 16K, Others (ISO B5, Custom)

Note To use Custom, register the custom size of the original. For detail, refer to *Configuration* on page *2-48*.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `Original Size`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select the desired original size and then press **[OK]**.

```
Original Size          OK
▲ A4
▼
```

5 If you selected `Others`, press **[▲]** or **[▼]** to select `ISO B5` or `Custom`, and then press **[OK]**.

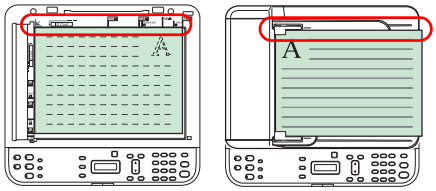
Original Orientation

Select the orientation of the original document top edge to scan correct direction.

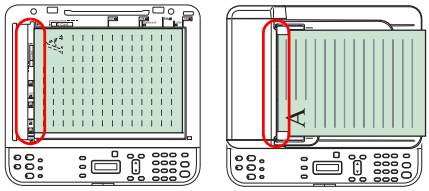
To use any of the following functions, the document's original orientation must be set.

- Combine
- Duplex

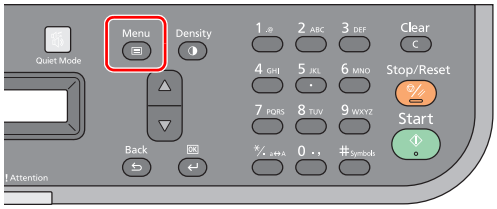
Top Edge Top



Top Edge Left



1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `Orig. Orientation`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `Top Edge Top` or `Top Edge Left`.

```
Orig.Orientation       OK
▲ Top Edge Top
▼
```

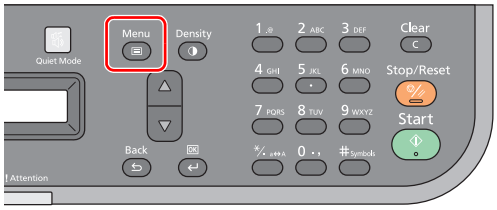
5 Press **[OK]**.

Original Image

Select image quality suited to the type of original.

Item	Description
Text+Photo (High)	Best when you want good reproduction of fine text and lines in originals which contain a mixture of text and photos.
Text+Photo	Best for originals which contain a mixture of text and photos.
Photo	Best for photographs.
Text	Sharply renders pencil text and fine lines.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `Original Image`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select the desired original image.

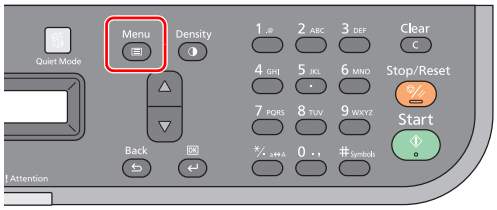
```
Original Image          OK
▲ Text+Photo
▼
```

5 Press **[OK]**.

EcoPrint

Use EcoPrint to save toner when printing. Use this function for test copies or any other occasion when high quality print is not required.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `EcoPrint`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `On`.

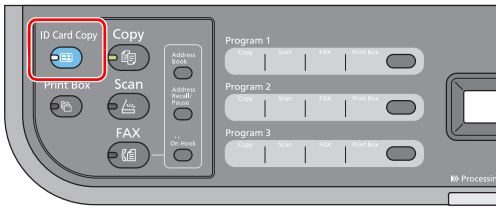
```
EcoPrint                OK
▲ On
▼
```

5 Press **[OK]**.

ID Card Copy

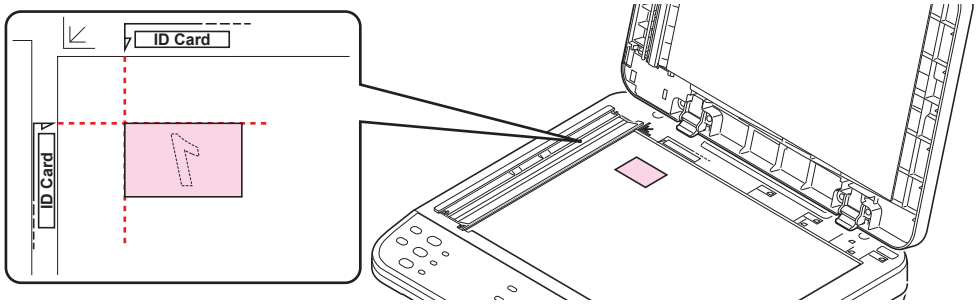
Use to copy the front and back sides of a license or other ID card on one sheet of paper.

1 Press **[ID Card Copy]**. `Scan the front page.` appears.




```
Scan the front page.
Copies                 01
```

2 Place the original. Align with the **ID Card** marks on the Original Size Indicator Plates.

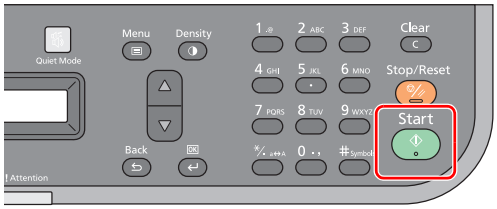


For details, refer to *Loading Originals* on page *2-18*.

3 Enter the number of copies. (Refer to *Basic Operation* on page *3-2*.)

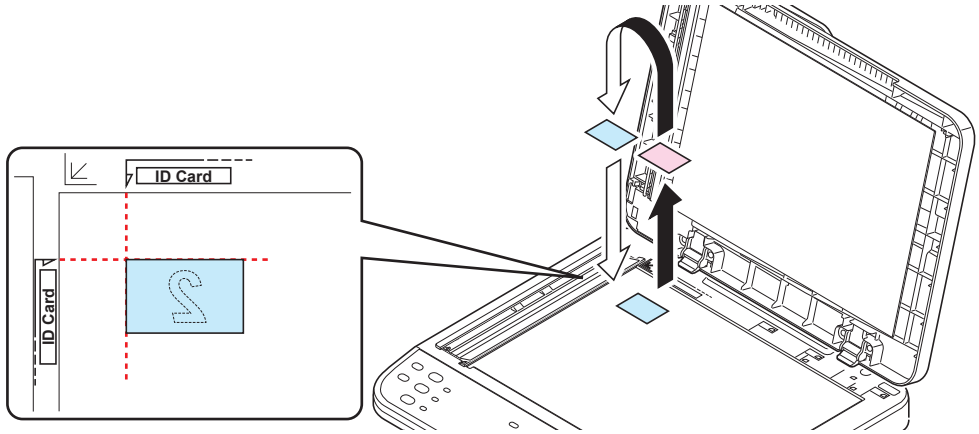
4 Adjust density. (Refer to *Basic Operation* on page *3-2*.)

5 Press **[Start]**. One side of the card is scanned.

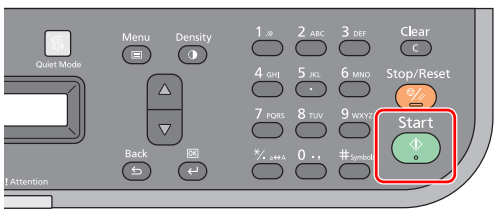



```
Scan the back page.
Press Start Key.
```

6 Turn the original over. Align with the **ID Card** marks on the Original Size Indicator Plates.



7 Press **[Start]**. The front and back sides of the card are copied on one sheet of paper.



4 Printing

This chapter explains the following topics:

Printing from Application Software 4-2
About GX Driver 4-2
Manual Feed (FS-1025MFP, FS-1125MFP and FS-1325MFP) 4-3
Manual Duplex (FS-1120MFP and FS-1320MFP only) 4-4
Print Box 4-6
Changing the Default Printer Driver Settings (Windows 7 for example) 4-8

Printing from Application Software

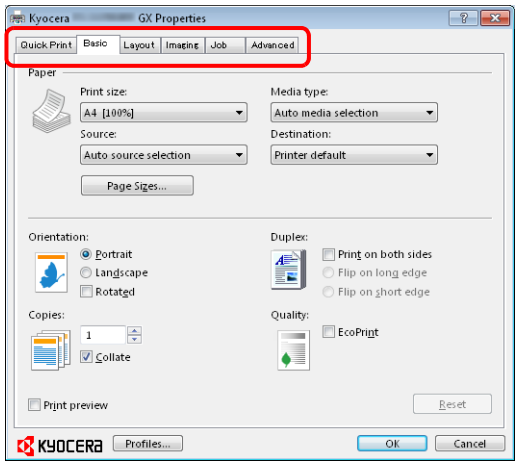
The steps required to print a document created with an application are explained below. You can select the printing paper size.

Note You can also select the various settings by clicking **Properties** to open the **Properties** screen. Refer to *About GX Driver*.

1. Load the paper required into the cassette.
2. From the application **File** menu, select **Print.** The **Print** screen appears.
3. Click the drop-down list of printer names. All the installed printers are listed. Click the name of the printer.
4. Use **Number of copies** to enter the number of copies required. Up to 999 copies can be printed. For Microsoft Word, we recommend that you click **Options and specify Use printer settings** for the Default tray.
5. To start printing, click **OK**.

About GX Driver

GX Driver consists of the following tabs.

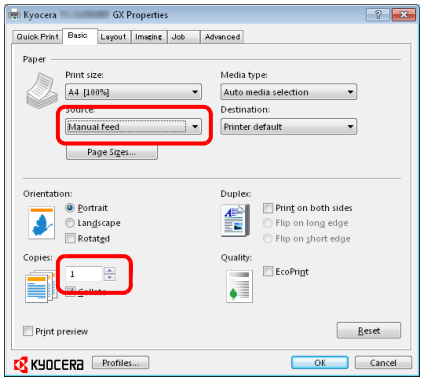


Tabs	Description
Quick Print	Use this tab to define basic print options into group profiles that can be accessed quickly and easily.
Basic	Use this tab to select the page size and orientation. The paper source is also selected.
Layout	Use to create multiple pages on a single sheet of paper. Also contains the scaling option.
Imaging	Select this tab to change the print quality and graphic settings.
Job	Use to save a print job in a Print Box. Refer to *Print Box* on page *4-6*.
Advanced	Use to set up and add watermarks to your output.

Manual Feed (FS-1025MFP, FS-1125MFP and FS-1325MFP)

[OK] can be pressed on the operation panel to feed and print on one sheet of paper. This is convenient when loading one envelope at a time in the Manual Feed tray.

1 Ensure **Manual feed** is selected as the **Source** in the **Properties** screen.

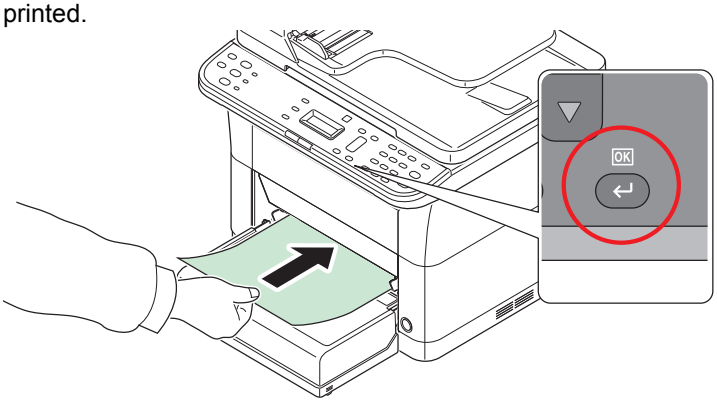


Note If **Auto source selection** has been selected, paper is automatically fed from the Manual Feed tray. If there is no paper in the Manual Feed tray, paper is automatically fed from the cassette.

2 Use **Number of copies** to enter the number of copies required.

3 Select **OK** to return to the **Print** screen and select **OK**.

4 Load the paper in the Manual Feed tray for the machine and press **[OK]**. One sheet is printed.



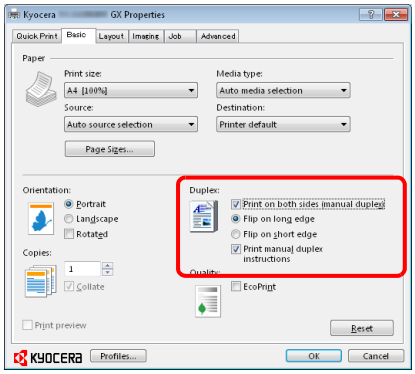
5 Repeat step 4 until all pages are printed.

Manual Duplex (FS-1120MFP and FS-1320MFP only)

To print on both sides of the paper, use *Manual Duplex*. The even pages are printed first and then reloaded to print the odd pages. An instruction sheet is available to assist with loading the sheets in the correct orientation and order.

Note Ensure **Print manual duplex instructions** is selected to receive the instruction sheet. Continue to use the sheet until you are familiar with this feature.

1 Select **Print on both sides (manual duplex)**.

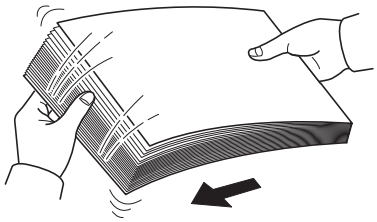


Select **Flip on long edge** if the binding will be on the long edge or **Flip on short edge** if the binding will be on the short edge. Select **Print manual duplex instructions** to receive the instruction sheet.

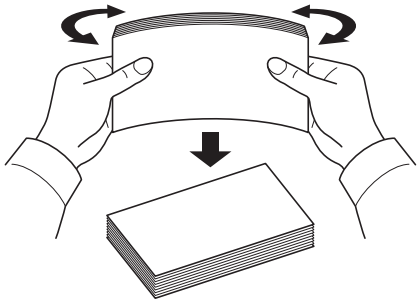
2 Select **OK** to return to the **Print** screen and select **OK** to start printing. A **Manual Duplex Instruction** message box displays. The even pages are printed including the instruction sheet.

Note Instructions for manual duplex will be printed on the instruction sheet.

3 Remove all the even pages (including the instruction sheet) from the inner tray, fan through the sheets to separate them prior to loading.

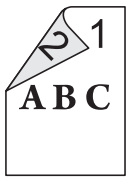


If the paper is curled at an edge, straighten it prior to reloading.



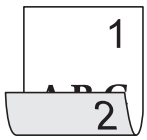
4 Load the even pages printed into the cassette with the instruction sheet facing down and the arrows pointing toward the machine.

Long Edge Binding

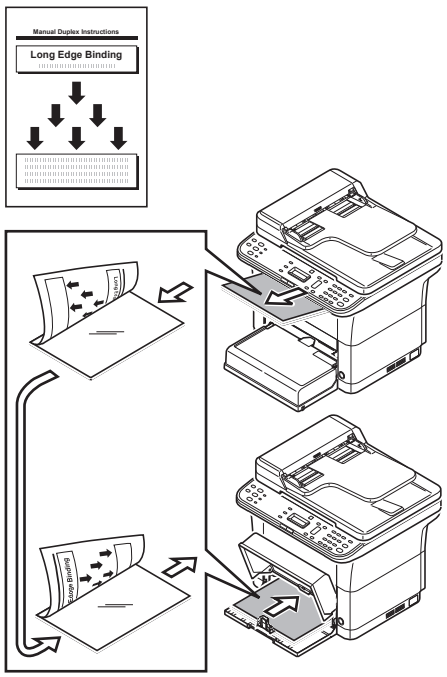


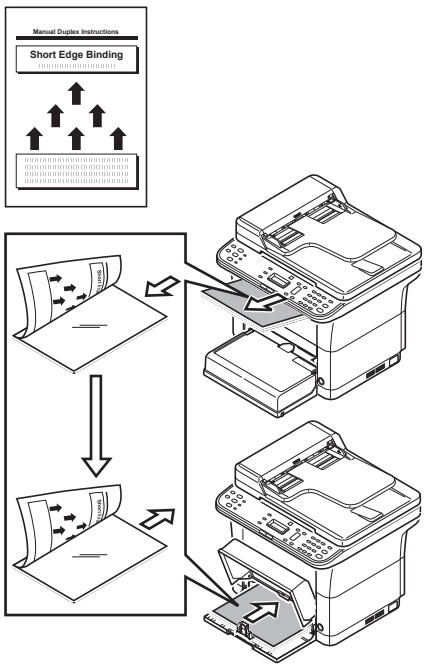
(Finished)

Short Edge Binding



(Finished)





Note If the paper is considerably curled in one direction, roll the paper in the opposite direction to counteract the curl. If this will not cancel the curl satisfactorily, try to reduce the number of sheets loaded in the cassette to the maximum of 100.

5 Select **OK** in the **Manual Duplex Instruction** message box of the printer driver screen. All the odd pages will be printed.

Print Box

A print job can be saved in Print Box in the computer and printed from the machine when needed. Use the machine's operation panel to print the print job stored in a Print Box.

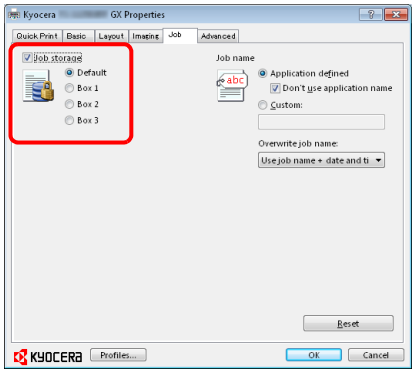
The four possible selections for the Print Box are the Default box and Boxes 1 - 3.

Note The folder to be used for Boxes 1 - 3 can be set in the Preset Tool. Refer to *Program Settings* on page *2-32*.

Saving to a Print Box

Save a print job to a Print Box.

1. From the application **File** menu, select **Print.** The **Print** screen appears.
2. Click **Properties**. The **Properties** screen appears.
3. Select **Job** tab.
4. Select **Job storage** then select the Print Box where the print job should be stored from the **Default**, **Box 1**, **Box 2** or **Box 3**.



Note The Default box can only be used from a machine connected by USB.

5. Set the job name for the print job.

Settings	Filename
Application define and **Don't use application name**	<Document name> <month><day><year> <hour><minutes><seconds>.prn Example: PrintBox.docx Filename: PrintBox 040112 030201.prn
Application define	<Application name> <month><day><year> <hour><minutes><seconds>.prn Example: PrintBox.docx Filename: Microsoft Word 040112 030201.prn
Custom and **Use job name + date and time**	<Custom name> <month><day><year> <hour><minutes><seconds>.prn Example: Custom name is Print_A. Filename: Print_A 040112 030201.prn
Custom and **Replace existing file**	<Custom name>.prn Example: Custom name is Print_A. Filename: Print_A.prn **Note** Any stored job with the same name will be overwritten.

6. Select **OK** to return to the **Print** screen and click **OK** to start storing.

Printing from Print Box

Print a print job saved in a Print Box.

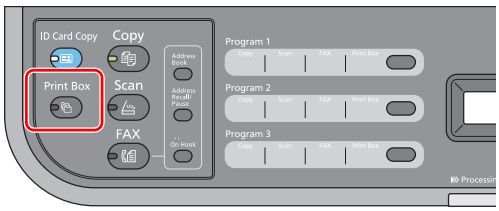
Note The Default box can only be used from a machine connected by USB.

All print jobs saved in the selected Print Box are printed.

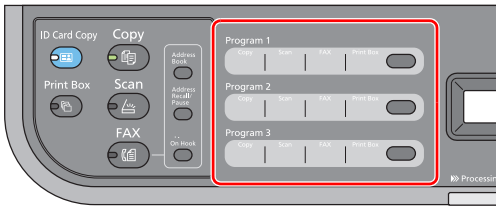
KYOCERA Client Tool must be running on the computer from which printing from Print Box is executed. Refer to *Machine Settings* on page *2-26*.

After being printed, the print jobs in the Print Box are deleted.

1 Press **[Print Box]**.



2 Press **[Program 1]** to **[Program 3]** to select the Print Box.




```
Ready to print.
Folder 1
```

If a Print Box is not selected, the jobs stored in Default box are printed.

The following boxes are pre-registered in the Print Box Program.

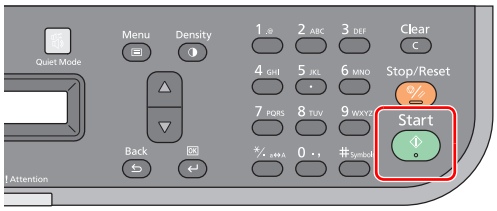
Program 1: Box 1

Program 2: Box 2

Program 3: Box 3

Note When Program 1, 2 or 3 is selected, the **Name** set in the Preset Tool is displayed. Also, the folders for Boxes 1 - 3 can be changed in the Preset Tool. Refer to *Program Settings* on page *2-32* for registering programs.

3 Press **[Start]** to start printing.



Changing the Default Printer Driver Settings (Windows 7 for example)

The default printer driver settings can be changed. By selecting frequently used settings, you can omit steps when printing.

The procedure is as follows.

1. Click the **start** button, and then click **Devices and Printers**.
2. Right-click the printer driver icon of the machine, and click the **Printer properties** menu of the printer driver.
3. Click the **Printing Preferences** button on the **General** tab.
4. Select the default settings and click the **OK** button.

   For the settings, refer to *Printer Driver User Guide*.

5 Scanning

This chapter explains the following topics:

Push Scan 5-2
Using Programs 5-3
Quick Scan (Scan to PDF/Scan to Email/Scan to Folder) 5-4
Scanning using TWAIN/WIA 5-5

Push Scan

It is easy to scan from the operation panel on the machine. Push Scan performs scanning with the following settings.

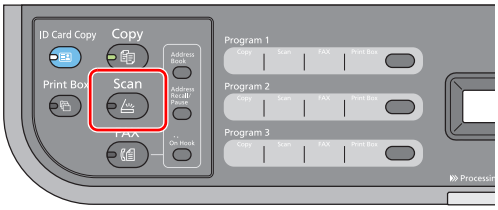
Item	Value
Original size	If unit setting is **inch**: Letter If unit setting is **mm**: A4 For details on unit setting, refer to *Configuration* on page *2-48*.
Feed method	Auto
Resolution	300 × 300 dpi
Reverse image	Unchecked
Sharpen	None
Original quality	Text + Photo
Scan color	Full color
Density	Normal (0)
Output name	Scan
File format	PDF
Destination folder	For Windows Vista/Windows 7: C:\Users\<user >\My Documents For Windows XP: C:\Documents and Settings\<user>\My Documents

Note The Program is used to change the settings. Refer to *Using Programs* on page *5-3*.

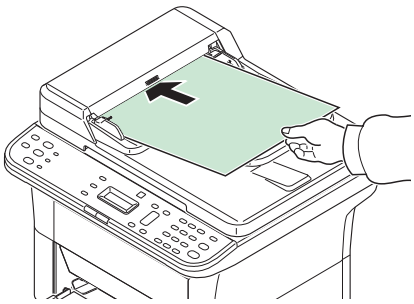
When using Push Scan, KYOCERA Client Tool must be running on the computer. Refer to *Accessing KYOCERA Client Tool* on page *2-26*.

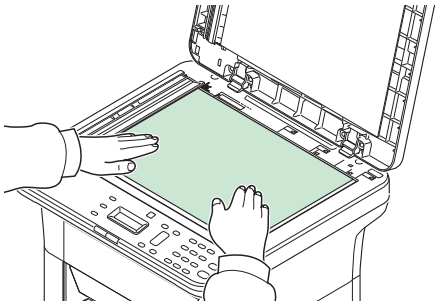
When using Push Scan, the machine must be connected by USB.

1 Press **[Scan]**.

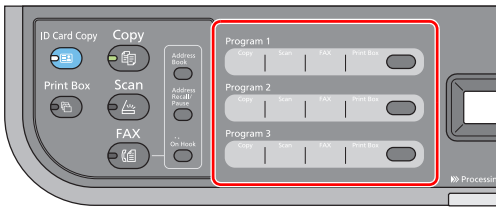


2 Place the originals. For details, refer to *Loading Originals* on page *2-18*.



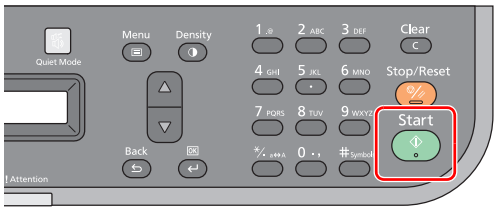


3 If a program is set, press the program key (**[Program 1]** - **[Program 3]**) in which the program is registered.



Note For details on functions that are registered in programs, refer to *Using Programs* on page *5-3*.

4 Press **[Start]** to start scanning.



Using Programs

If there are settings that you frequently change from the default state, register the settings in a program. You can simply select the program number as needed to recall those functions.

Scan functions can be registered in three programs.

The programs below have been preregistered. The registered contents can be re-registered for easier use in your environment.

Item	Program1	Program2	Program3
Name	Folder 1	Folder 2	Folder 3
Original size	A4 (Letter)	A4 (Letter)	A4 (Letter)
Original image	Text	Text + Photo	Photo
Reverse image	Off	Off	Off
Sharpen	Low	Low	Low
Scan color	Full color	Full color	Full color
Density	Normal (0)	Normal (0)	Normal (0)
Resolution	300 × 300 dpi	300 × 300 dpi	300 × 300 dpi
Output name	Scan	Scan	Scan
File format	PDF	PDF	PDF
Quality	—	—	—
Destination folder	C:\User\<user>\My Documents (Windows Vista/Windows 7) C:\Document and Settings\<user>\My Documents (Windows XP)		

Note For details on program registration and the various functions, refer to *Program Settings* on page *2-32*.

Refer to *Push Scan* on page *5-2* for recalling programs.

Quick Scan (Scan to PDF/Scan to Email/Scan to Folder)

Execute scanning from KYOCERA Client Tool. With Quick Scan, the following 3 types of scan are possible.

Scan to PDF: Saves the scanned image in PDF format. The folder is specified after scanning.

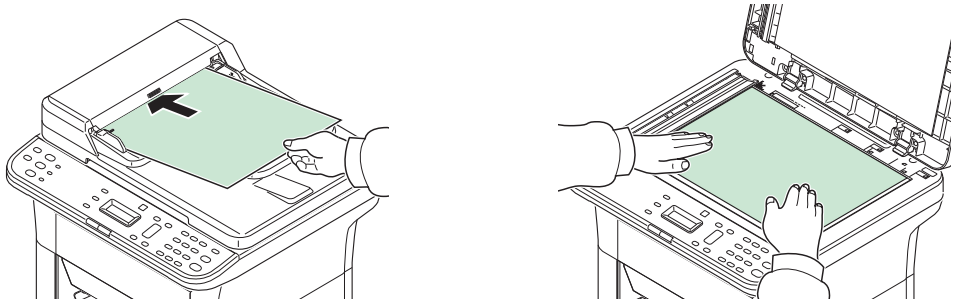
Scan to Email: Attaches the scanned image to a new E-mail message.

Scan to Folder: Saves the scanned image to a specified folder.

Note The folder in which the scanned image is saved and the file format can be set in advance in KYOCERA Client Tool. Refer to *Quick Scan/TWAIN Settings* on page *2-45*.

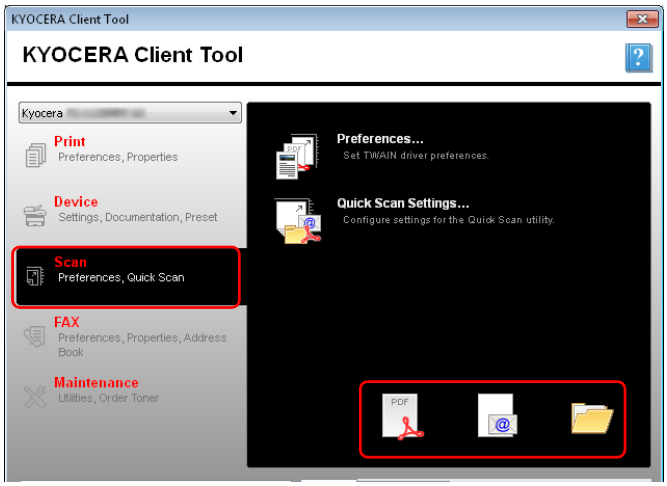
When using Quick Scan, the machine must be connected by USB.

1. Place the originals. For details, refer to *Loading Originals* on page *2-18*.



2. Start KYOCERA Client Tool as explained in *Accessing KYOCERA Client Tool* on page *2-26*.

3. Click **Scan to PDF**, **Scan to Email** or **Scan to Folder** icon on the **Scan** tab.



4. **Scan to PDF**

   Scanning begins. When scanning finishes, the **Save PDF File As** dialog appears. Specify the PDF file name and the folder in which the image will be saved.

   Scan to Email

   Scanning begins. When scanning finishes, the mailer starts and the scanned image is attached. Enter the address, subject and message, and then send.

   Scan to Folder

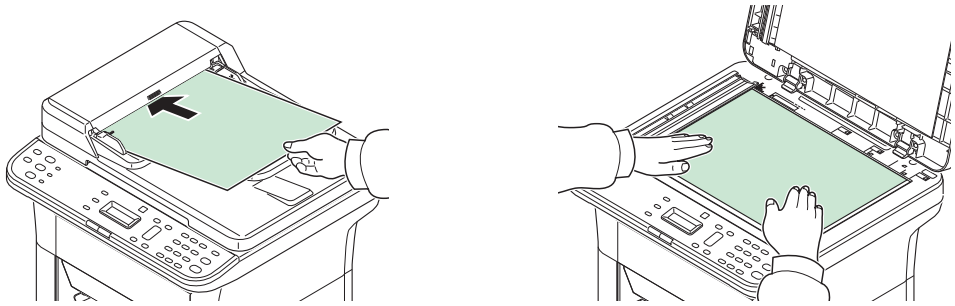
   The **Browse for Folder** dialog appears. Specify the folder in which the image will be saved, and click **[OK]**. Scanning begins.

Scanning using TWAIN/WIA

This section explains how to scan an original using TWAIN/WIA.

The procedure for scanning using the TWAIN driver is explained as an example. The WIA driver is used in the same way.

1 Place the originals. For details, refer to *Loading Originals* on page *2-18*.

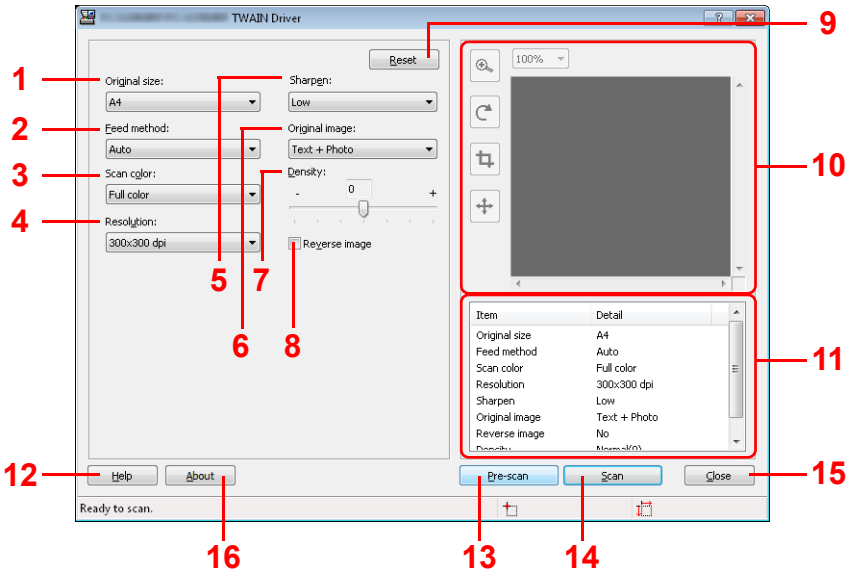


2 Activate the TWAIN compatible application.

3 Select the machine using the application and display the TWAIN screen.

Note For selecting the machine, see the Operation Guide or Help for each application software.

4 Select scanning settings in the TWAIN screen that opens.



The settings that appear in the TWAIN screen are as follows.

No.	Item	Description
1	**Original size**	Specify the size of originals being scanned. The sizes that can be selected vary depending on the **Feed method** setting. Value: (when the **Feed method** is **Auto** or **Platen**) **Letter**, **Statement**, **Executive**, **A4**, **A5**, **A6**, **B5 (JIS)**, **B5 (ISO)**, **16K**, **Custom** (when the **Feed method** is **Document Processor**) **Letter**, **Legal**, **Statement**, **Executive**, **A4**, **A5**, **A6**, **Folio**, **B5 (JIS)**, **B5 (ISO)**, **Oficio II**, **16K**, **216 × 340 mm**, **Custom** **Note** Refer to *Configuration* on page *2-48* for selecting **Custom**.
2	**Feed method**	Select the original feed method. Value: **Auto**, **Document Processor**, **Platen**

No.	Item	Description
3	**Scan color**	Select the color mode setting. Value: **Monochrome**, **Grayscale**, **Full color**
4	**Resolution**	Select fineness of scanning resolution. Value: **200 × 200 dpi**, **300 × 300 dpi**, **400 × 400 dpi**, **600 × 600 dpi**
5	**Sharpen**	Adjust the sharpness of the image. Value: **None**, **Low**, **Medium**, **High**, **Descreen** (Blurs the outlines and reduces the sharpness.)
6	**Original image**	Select original image type for best results. Value: **Text**, **Photo**, **Text+Photo**
7	**Density**	Select the density. Value: **-3** (Lighter) to **3** (Darker)
8	**Reverse image**	When this is selected, the image color reverses.
9	**Reset**	Reset the settings to the default value.
10	Preview area	Displays a preview of the scanned image. The image can be enlarged, rotated, trimmed, or moved.
11	Details list	Displays a list of the settings.
12	**Help**	Displays the Help screen.
13	**Pre-Scan**	Acquires a preview image.
14	**Scan**	Performs the scan and returns the image to the application.
15	**Close**	Close the TWAIN screen.
16	**About**	Displays the driver version number.

6 Default Setting (System Menu)

This chapter explains the following topics:

Default Setting (System Menu) 6-2
Operation Method 6-2
System Menu Settings 6-3
Administrator ID 6-6

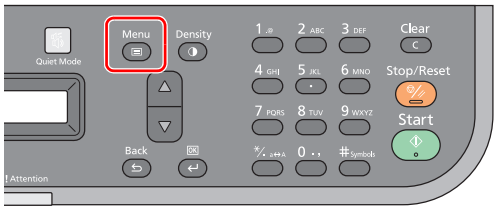
Default Setting (System Menu)

Configure settings related to overall machine operation in the System Menu.

Operation Method

The System Menu is operated as follows:

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

```
Menu                    OK
▲▼ System Menu
```

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to display the desired menu.

```
System Menu             OK
▲▼ Report
```

The setting items successively appear as **[▲]** or **[▼]** is pressed.

```
System Menu             OK
▲▼ Common Settings
```

```
Common Settings         OK
▲▼ Language
```

When **[OK]** is pressed, the next setting of the selected item appears. To return to the previous display, press **[Back]**.

Note If the Administrator ID entry display appears, use the numeric keys to enter the Administrator ID (4 digits) and press **[OK]**. The default setting is `2500` for the FS-1025MFP, FS-1125MFP and FS-1325MFP, `2000` for the FS-1120MFP and FS-1320MFP.

```
Administrator ID        OK
(0000 - 9999)   ****
```

For details of Administrator ID, refer to *Administrator ID* on page *6-6*.

5 Use **[▲]** or **[▼]** or the numeric keys to change the setting.

```
Language                OK
▲▼*English
```

6 Press **[OK]**. The setting is registered. To exit, press **[Menu]**.

Refer to *System Menu Settings* on the following page and configure as needed.

System Menu Settings

System Menu include;

Note For details on fax operation, refer to *Fax Settings* on page *7-24*.

The System Menu contains some menus that can be set from a computer. Refer to *Configuration* on page *2-48*.

Item		Description	Reference Page
Report		Print reports to check the machine settings and status.	6-3
Common Settings		Configure overall machine operation.	6-4
	Language	Select the language displayed on the message display.	6-4
	Default Screen	Select the screen appearing right after start-up (default screen).	6-4
	Sound*	Adjust the FAX speaker volume and monitor volume. For details, refer to *Sound* on page *7-25*.	7-25
	Display Bright.	Set the brightness of the message display.	6-4
	Original Size	Specify the original size to be scanned.	6-4
	Paper Settings	Select paper size and media type for the cassette.	6-4
	Date Settings*	Set the date and time for the location where you use the machine. For details, refer to *Setting Date and Time* on page *7-2*.	7-2
	Timer Settings	Configure settings related to time.	6-5
FAX Settings*		Configure settings for fax functions. For details, refer to *Fax Settings* on page *7-24*.	7-24
Administrator		Change the Administrator ID.	6-6
Adjust/Maint.		Adjust printing quality and conduct machine maintenance.	6-5
	Service Settings		

* This setting only appears on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.

Report

Print reports to check the machine settings and status. Default settings for printing the result reports can also be configured.

Item	Description
Status Page	Print the status page, allowing you to check the information including current settings. To print, select Yes.
Network Status*	Print the network status, allowing you to check the information including network interface firmware version, network address and protocol. To print, select Yes.
Admin Rpt Set.**	Configure settings for FAX reports. For details, refer to *Fax Settings* on page *7-24*.
Result Rpt Set.**	

* This setting only appears on the FS-1025MFP, FS-1125MFP and FS-1325MFP.

** This setting only appears on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.

Common Settings

Configures overall machine operation.

Language

Item	Description
Language	Select the language displayed on the message display.

Default Screen

Item	Description
Default Screen	Select the screen appearing right after start-up (default screen). Value: Copy, FAX, ID card Copy **Note** FAX only appears on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.

Display Bright.

Item	Description
Display Bright.	Set the brightness of the message display. Value: Darker -3, Darker -2, Darker -1, Normal 0, Lighter +1, Lighter +2, Lighter +3

Original Size

Item	Description
Original Size	Specify the original size to be scanned. Value **Metric Models**: A4, A5, A6, B5, Folio, Letter, Legal, Statement, Executive, Oficio II, 216×340 mm, 16K, ISO B5, Custom **Inch Models**: Letter, Legal, Statement, Executive, Oficio II, 216×340 mm, A4, A5, A6, B5, Folio, 16K, ISO B5, Custom

Paper Settings

Item	Description
Paper Size	Set the paper size to load in the cassette. Value: A4, A5, A6, B5, 16K, ISO B5, Custom, Legal, Oficio II, 216×340 mm, Letter, Executive, Statement, Folio This can also be set from your computer. For details, refer to *Configuration* on page *2-48*.
Media Type	Set the media type to load in the cassette. Value: Plain, Rough, Labels, Recycled, Preprinted, Bond, Vellum, Cardstock, Color, Prepunched, Letterhead, Envelope, Thick, High quality, Custom 1 - 8 The names that were registered in KYOCERA Client Tool appear in Custom 1 - 8. For details, refer to *Machine Settings* on page *2-26*. This can also be set from your computer. For details, refer to *Configuration* on page *2-48*.

Timer Settings

Note If the Administrator ID entry display appears, use the numeric keys to enter the Administrator ID (4 digits). The default setting is 2500 for the FS-1025MFP, FS-1125MFP and FS-1325MFP, 2000 for the FS-1120MFP and FS-1320MFP.

For details of Administrator ID, *Administrator ID* on page *6-6*.

Item	Description
Sleep Timer	Auto Sleep automatically switches the machine into Sleep if left idle for a preset time. Set amount of time before entering Sleep. Value: 1 to 240 minutes (1 minute increments) This can also be set from your computer. For details, refer to *Configuration* on page *2-48*.
Auto Panel Reset	If no jobs are run for a certain period of time, automatically reset settings and return to the default setting. Set whether or not Auto Panel Reset is used, and the time until reset takes place after the last job. Value: Off, On (5 to 495 seconds (every five seconds))
Power Off Rule	For each connection type (Network, FAX, USB Cable), set whether the power automatically turns off when not used. If you select On (the power automatically turns off), set the time in Power Off Timer which appears next. Value: Off, On Network only appears on the FS-1025MFP, FS-1125MFP and FS-1325MFP. FAX only appears on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP. If the optional Fax kit is installed, note that turning the machine off at the main power switch disables fax transmission and reception. This can also be set from your computer. For details, refer to *Configuration* on page *2-48*.
Power Off Timer	The time until the power turns off can be set. Value: 1 to 6 hours, 9 hours, 12 hours, or 1 day to 1 week This can also be set from your computer. For details, refer to *Configuration* on page *2-48*.
Err. Clear Timer	If an error occurs during processing, processing stops to wait for the next step to be taken by the user. In the Auto Error Clear mode, automatically clear the error after a set amount of time elapses. For details, refer to *Error Messages* on page *9-8*. Value: Off, On (5 to 495 seconds (every five seconds))
Unusable Time	Set the unusable time. For detail, refer to *Unusable Time* on page *7-35*.

Adjustment and Maintenance

Adjust printing quality and conduct machine maintenance.

Service Settings

Note If the Administrator ID entry display appears, use the numeric keys to enter the Administrator ID (4 digits). The default setting is 2500 for the FS-1025MFP, FS-1125MFP and FS-1325MFP, 2000 for the FS-1120MFP and FS-1320MFP.

For details of Administrator ID, refer to *Administrator ID* on page *6-6*.

Item	Description
Maintenance	Run this after replacing the Maintenance Kit.
New Developer	Run this after replacing the Developer unit.
New Drum	Run this after replacing the Drum unit.
FAX Country Code*	For details, refer to *Fax Settings* on page *7-24*.
FAX Call Set.*	For details, refer to *Fax Settings* on page *7-24*.

* This setting only appears on the FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP.

Administrator ID

To change the following settings in the System Menu, the Administrator ID must be entered.

- Date Settings (FS-1120MFP, FS-1125MFP, FS-1320MFP and FS-1325MFP)
- Timer Settings
- Administrator
- Adjust/Maint.

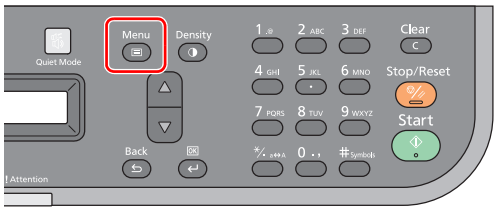
If the Administrator ID entry display appears, use the numeric keys to enter the Administrator ID (4 digits). The default setting is `2500` for the FS-1025MFP, FS-1125MFP and FS-1325MFP, `2000` for the FS-1120MFP and FS-1320MFP.

```
Administrator ID      OK
(0000 - 9999)    ****
```

Changing the Administrator ID

To change the Administrator ID, follow the steps below.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `Administrator`.

5 Press **[OK]**.

6 Use the numeric keys to enter the Administrator ID. The default setting is `2500` for the FS-1025MFP, FS-1125MFP and FS-1325MFP, `2000` for the FS-1120MFP and FS-1320MFP.

```
Administrator ID      OK
(0000 - 9999)    ****
```

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `Administrator ID`.

9 Press **[OK]**.

10 Enter the new Administrator ID with the numeric keys.

```
Administrator ID      OK
(0000 - 9999)    ****
```

11 Press **[OK]**.

12 Enter the same Administrator ID to confirm.

```
Confirm Admin. ID     OK
(0000 - 9999)    ****
```

13 Press **[OK]**. The new Administrator ID is registered.

Note It is recommended to periodically change the administrator ID regularly for your security. You will be unable to change it if you forget your administrator ID.

7 FAX Operations

This chapter explains the following topics:

Before Using the Fax Machine 7-2
Entering the Destination 7-7
Sending Faxes 7-12
Receiving Faxes 7-21
Printing Communication Reports 7-23
Fax Settings 7-24
Sending Faxes from PC 7-37

Before Using the Fax Machine

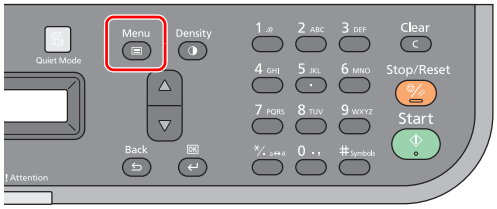
Configure the settings below.

Setting Date and Time

Set the local date and time at the place of installation.

When you send a fax using the transmission function, the date and time as set here will be printed in the header of the fax.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `Common Settings`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Date Settings`.

7 Press **[OK]**.

8 Use the numeric keys to enter the Administrator ID. The default setting is `2500` for the FS-1025MFP, FS-1125MFP and FS-1325MFP, `2000` for the FS-1120MFP and FS-1320MFP.

```
Administrator ID          OK
(0000 - 9999)   ****
```

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `Date/Time`.

11 Press **[OK]**.

12 Enter the date and time with the numeric keys.

```
Date/Time                 OK
  2012/ 3/ 3  10:00
```

Enter the ‘year’ and press **[OK]**. The ‘month’ can then be entered. In the same way, enter the ‘day’, ‘hour’, and ‘minute’. To move back, press **[Back]**.

13 Press **[OK]**.

14 Press **[▲]** or **[▼]** to select `Date Format`.

15 Press **[OK]**.

16 Press **[▲]** or **[▼]** to select the display format of year, month, and date.

```
Date Format               OK
▲ Year/Month/Day
▼
```

Note The following date formats are available.

- Month/Day/Year
- Day/Month/Year
- Year/Month/Day

17 Press **[OK]**.

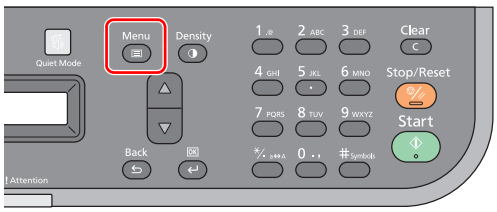
Local FAX Information Entry

Register the local FAX information below.

TTI (Transmit Terminal Identification)

Select whether or not to print the local fax information on the fax on the receiving system.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Transmission`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `TTI`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `On` or `Off`.

```
TTI                    OK
▲ On
▼
```

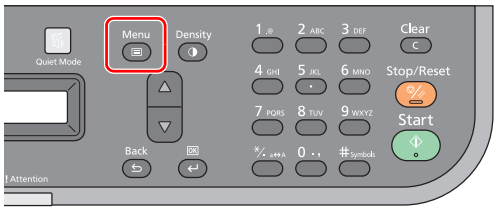
Note To have your fax number printed on the fax by the receiving machine, set `TTI` to `On`.

11 Press **[OK]**.

Local FAX Name

Register the local fax name printed on the fax on the receiving system.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

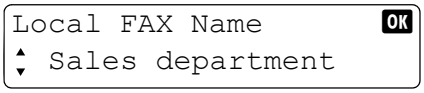
6 Press **[▲]** or **[▼]** to select `Transmission`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `Local FAX Name`.

9 Press **[OK]**.

10 Use the numeric keys to enter the local fax name.



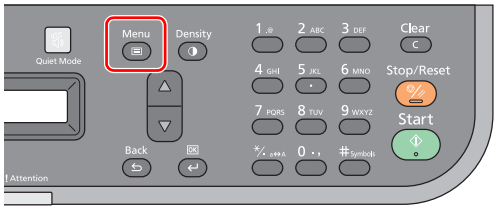
Note Refer to *Character Entry Method* on page *10-2* for details on entering characters.

11 Press **[OK]**.

Local FAX Number

Enter the local fax number to be printed on the fax on the receiving system.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

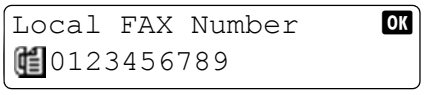
6 Press **[▲]** or **[▼]** to select `Transmission`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `Local FAX Number`.

9 Press **[OK]**.

10 Use the numeric keys to enter the local fax number.



Note Up to 20 digits can be entered as the local fax number.

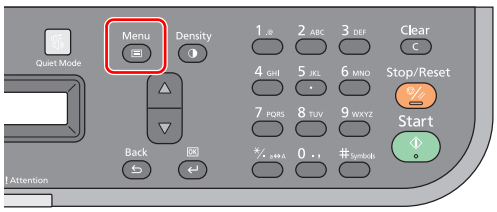
11 Press **[OK]**.

FAX Dialing Mode

Select the dialing mode according to the line type.

Note This setting does not appear in some regions.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Transmission`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `FAX Dialing Mode`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `Tone(DTMF)` or `Pulse(10pps)`.

```
FAX Dialing Mode      OK
▲ Tone(DTMF)
▼
```

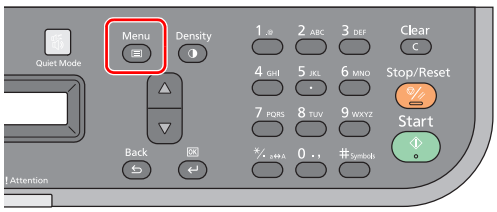
11 Press **[OK]**.

ECM TX

Set whether ECM TX is performed. ECM is a communication mode specified by the ITU-T (International Telecommunication Union) that retransmits data when an error occurs. Fax machines that have ECM mode check for errors as they communicate, preventing distortion of the image due to noise on the line and other conditions.

Note When there is a large amount of noise on the line, communication may take slightly longer than when `Off` is selected.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Transmission`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `ECM TX`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `On` or `Off`.

```
ECM TX                OK
▲ Off
▼
```

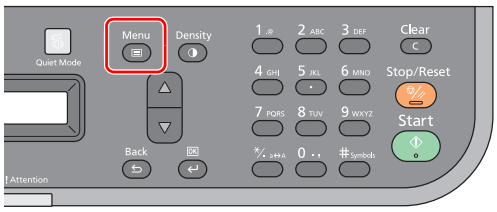
11 Press **[OK]**.

TX Start Speed

Set the TX Start Speed. When communication conditions are bad, the fax may not be transmitted correctly. In that case, set a lower TX Start Speed.

Note Normally this should be used with the default setting.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Transmission`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `TX Start Speed`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `9600bps`, `14400bps` or `33600bps`.

```
TX Start Speed          OK
▲ 9600bps
▼
```

11 Press **[OK]**.

PBX Setting (Europe only)

When using this machine in environment in which PBX for connection to multiple phones for business use is installed, perform the following PBX setting.

Note Before connecting this machine to PBX, it is recommended to contact the company that installed the PBX system to request connection of this machine. Note that correct operation cannot be guaranteed in environment in which this machine is connected to PBX because the functions of this machine may be restricted.

Item	Setting value	Description
Exchange Select.	**PSTN**	Use when connecting this machine to a public switched telephone network (default).
	PBX	Use when connecting this machine to PBX.
Dial No. to PSTN	**0-9** **00-99**	Set a number to access an outside line. For the number, contact the PBX administrator.

Note For more information about configuring settings, refer to *Adjustment and Maintenance* on page *7-27*.

Registering Destinations in the Address Book

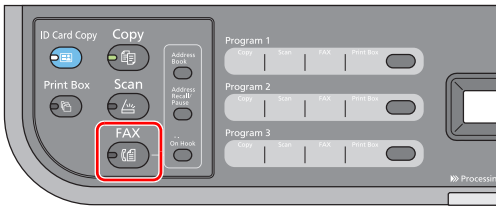
Add a new destination to the Address Book. To edit the Address Book, use KYOCERA Client Tool. For details, refer to *Address Book* on page *2-39*.

Entering the Destination

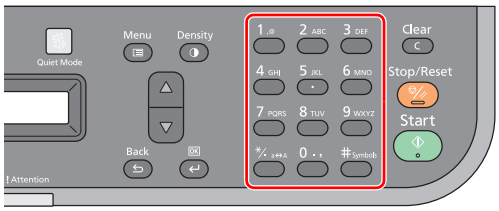
Entering the Destination Fax Number with the Numeric Keys

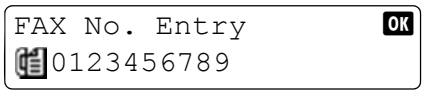
The procedure for entering the destination fax number with the numeric keys is explained below.

1 Press **[FAX]**.



2 Enter the fax number of the receiving system using the numeric keys.





Note Up to 64 digits can be entered as the fax number of the receiving system.

Pressing **[Address Recall/Pause]** adds about three seconds of waiting time during dialing. For example, when dialing the receiving system on an external line, you can use this method to insert a pause before resuming dialing after you dial a specific number.

3 Press **[OK]**.

Note To send to multiple destinations, enter the next fax number and press **[OK]**. You can send to as many as 100 destinations at once.

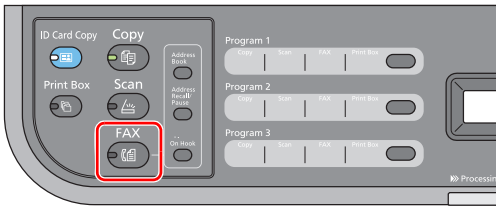
The TX Start Speed and ECM setting for the destination can be changed. For details, *Checking and Editing Destinations* on page *7-8*.

Choosing from the Address Book

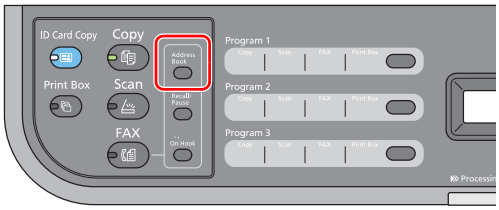
Select a destination registered in the Address Book.

Note To edit the Address Book, use KYOCERA Client Tool. For details, refer to *Address Book* on page *2-39*.

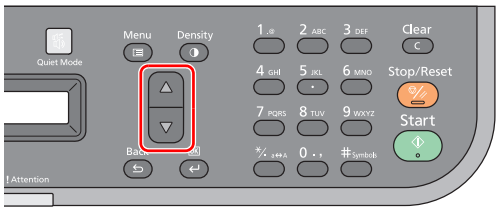
1 Press **[FAX]**.



2 Press **[Address Book]**.



3 Press **[▲]** or **[▼]** to select the destination.




```
Address Book                OK
▲ Support department
▼
```

Note A numeric key can be pressed to display the address number search display. Enter the address number you are searching for with the numeric keys and press **[OK]**.

```
Search                      OK
012
```

4 Press **[OK]**.

5 Press **[▲]** or **[▼]** to select `Add Destination`.

```
Support department          OK
▲ Add Destination
▼
```

Note To check detailed information on the destination, select `Detail` and press **[OK]**. You can check the Address Number, Contact Name, FAX Number, TX Start Speed, and ECM.

6 Press **[OK]**.

Note To send to multiple destinations, repeat steps 2 to 6. You can send to as many as 100 destinations at once.

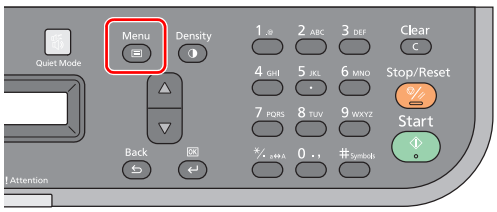
To check or change a selected destination, refer to *Checking and Editing Destinations* on page *7-8*.

Checking and Editing Destinations

Check and edit a selected destination.

If the fax number of the destination was entered with the numeric keys, the TX Start Speed and ECM settings can be changed.

1 Press **[Menu]**.



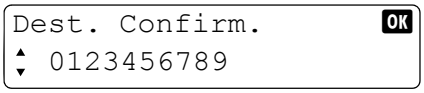
2 Press **[▲]** or **[▼]** to select `Dest. Confirm.`.

3 Press **[OK]**.

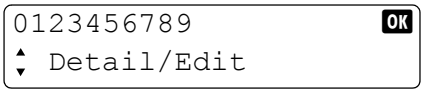
When the fax number of the destination was entered with the numeric keys

The fax number, TX Start Speed, and ECM can be changed.

1 Press **[▲]** or **[▼]** to select the destination that you want to check or change, and press **[OK]**.



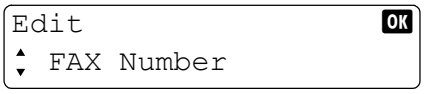
2 Press **[▲]** or **[▼]** to select `Detail/Edit`.



3 Press **[OK]**.

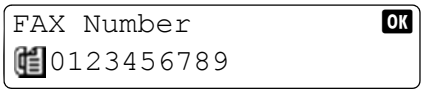
To change the fax number

1 Press **[▲]** or **[▼]** to select `FAX Number`.



2 Press **[OK]**.

3 To change the fax number, reenter the number with the numeric keys.



4 Press **[OK]**.

To change the TX Start Speed

1 Press **[▲]** or **[▼]** to select `TX Start Speed`.

2 Press **[OK]**.

3 Press **[▲]** or **[▼]** to select the desired TX Start Speed.

4 Press **[OK]**.

To change the ECM setting

1 Press **[▲]** or **[▼]** to select `ECM`.

2 Press **[OK]**.

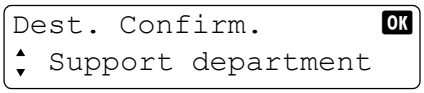
3 Press **[▲]** or **[▼]** to select `On` or `Off`.

4 Press **[OK]**.

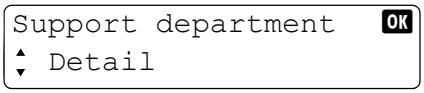
When the destination was selected from the Address Book

The information stored in the destination can be checked.

1 Press **[▲]** or **[▼]** to select the destination that you want to check, and press **[OK]**.

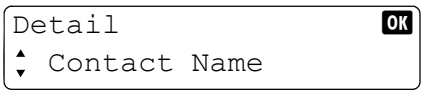


2 Press **[▲]** or **[▼]** to select `Detail`.



3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select the item that you want to check.



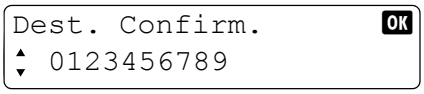
Note The following items can be checked.

- Contact Name
- FAX Number
- TX Start Speed
- ECM

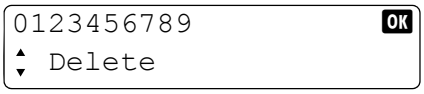
5 Press **[OK]**.

To delete a destination

1 Press **[▲]** or **[▼]** to select the destination that you want to delete, and press **[OK]**.



2 Press **[▲]** or **[▼]** to select `Delete`.



3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `Yes`.

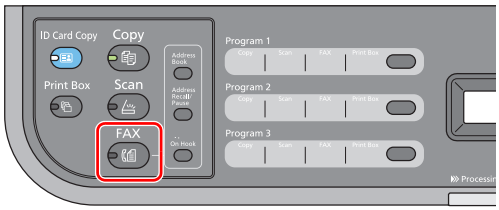
5 Press **[OK]**. The selected destination is deleted.

Using Redial

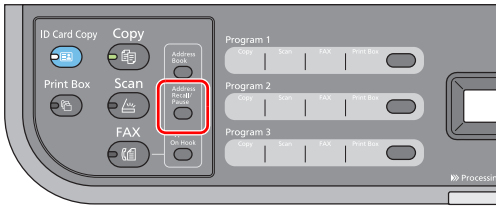
Redial is a function allowing you to dial the last entered number once again.

Use this when the receiving system does not respond when you have tried to send a fax. When you want to send the fax to the same receiving system, press **[Address Recall/Pause]**, and you can call the receiving system you dialed on the destination list.

1 Press **[FAX]**.



2 Press **[Address Recall/Pause]**.



The previously dialed destination is called.

Note Recall information is canceled in the following conditions.

- When you turn the power off
- When you send a next fax (new recall information is registered)

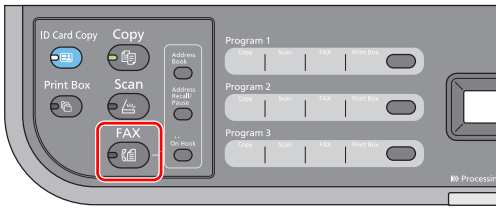
Sending Faxes

Fax transmission is explained below.

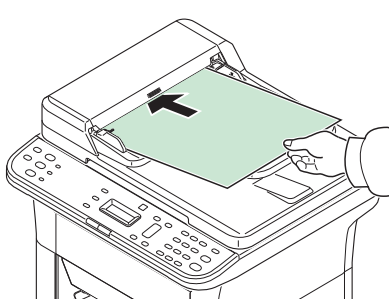
Basic transmission procedure

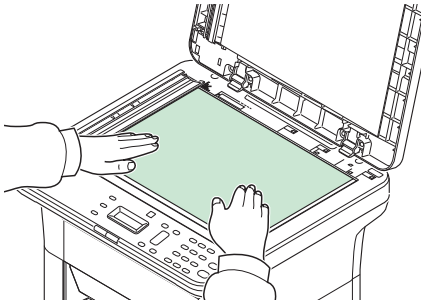
The basic procedure for using the fax system is explained below.

1 Press **[FAX]**.

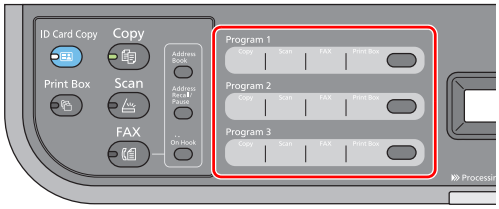


2 Place the originals. For details, refer to *Loading Originals* on page *2-18*.



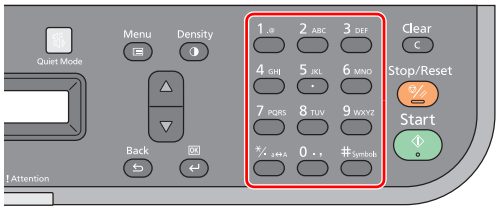


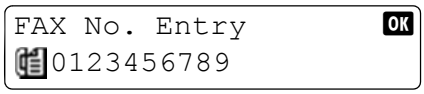
3 If a program is set, press the program key (**[Program 1]** - **[Program 3]**) in which the program is registered.



Note For details on programs, refer to *Using Programs* on page *7-15*.

4 Enter the fax number of the receiving system using the numeric keys.



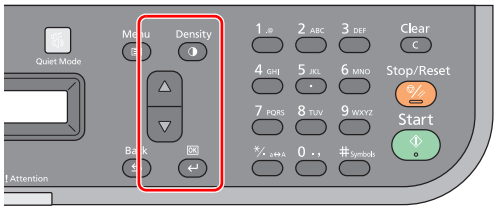


Note Up to 64 digits can be entered as the fax number of the receiving system.

Pressing **[Address Recall/Pause]** adds about three seconds of waiting time during dialing. For example, when dialing the receiving system on an external line, you can use this method to insert a pause before resuming dialing after you dial a specific number.

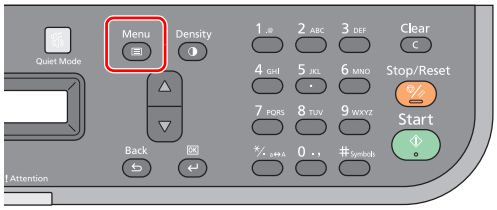
For the procedure for selecting a destination in the address book, refer to *Choosing from the Address Book* on page *7-7*.

5 Adjust density using 7 levels (`Lighter -3` to `Darker +3`).



Press **[Density]**, and press **[▲]** or **[▼]** to select your desired density. Press **[OK]**.

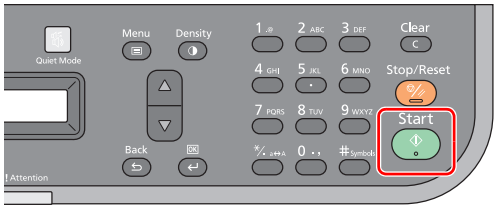
6 Selecting the functions.



Press **[Menu]**. FAX transmission settings can be selected.

Note For the FAX transmission settings, refer to *Fax Transmission Functions* on page *7-16*.

7 Press **[Start]**. When scanning finishes, transmission starts.



Note If you scanned the original from the platen, the display will ask if you will scan another page.

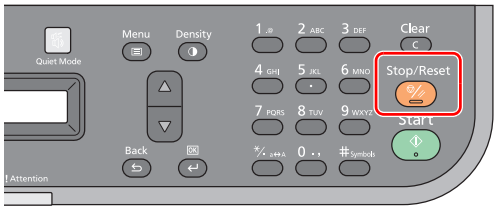
```
Scan next orig.      OK
▲ No
▼
```

To scan another page, replace the previous page with the next page, select `Yes`, and press **[OK]**. The next page is scanned.

To send the fax, select `No` and press **[OK]**. Transmission starts.

Cancelling the Transmission (while originals are being scanned)

To cancel transmission while originals are being scanned, press **[Stop/Reset]**.

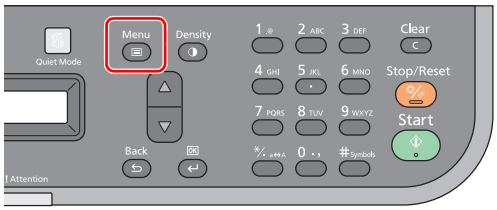


Checking and Deleting a Fax Job

Follow the steps below to check and delete a fax job.

To check a fax job

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `FAX TX Job Status`.

```
Menu                    OK
▲ FAX TX Job Status
▼
```

3 Press **[OK]**.

4 Press **[▲]** or **[▼]**. The fax number of the destination appears.

```
FAX TX Job Status       OK
▲ 0123456789
▼
```

If there are multiple destinations, `Broadcast` appears.

```
FAX TX Job Status       OK
▲ Broadcast
▼
```

To check Broadcast destinations

5 Select `Broadcast` and press **[OK]**.

```
FAX TX Job Status       OK
▲ Broadcast
▼
```

6 Press **[▲]** or **[▼]** to select `Detail`.

```
Broadcast               OK
▲ Detail
▼
```

7 Press **[OK]**.

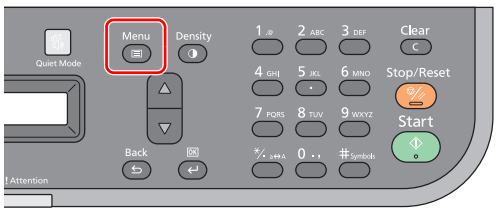
8 Press **[▲]** or **[▼]**. The fax number of the destination appears.

```
Detail                  OK
▲ 0123456789
▼
```

9 Press **[OK]**.

To delete a fax job

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `FAX TX Job Status`.

```
Menu                    OK
▲ FAX TX Job Status
▼
```

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select the fax job you want to delete.

```
FAX TX Job Status       OK
▲ 0123456789
▼
```

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Cancel`.

```
0123456789              OK
▲ Cancel
▼
```

7 Press **[OK]**.

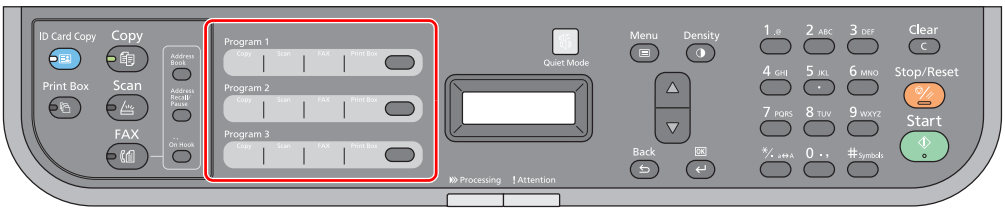
8 Press **[▲]** or **[▼]** to select `Yes`.

9 Press **[OK]**. The selected job is deleted.

Using Programs

Frequently used destinations and transmission settings can be registered in **[Program 1]** - **[Program 3]**.

To use a program, press the program key (**[Program 1]** - **[Program 3]**) in which the program is registered.



The programs below have been preregistered. The registered contents can be re-registered for easier use in your environment.

Item	Program1	Program2	Program3
Original size	A4 (Letter)	A4 (Letter)	A4 (Letter)
Original image	Text	Text+Photo	Photo
Density	Normal (0)	Normal (0)	Normal (0)
Resolution	200 × 100 dpi	200 × 100 dpi	200 × 100 dpi
Destination	(Not Registered)	(Not Registered)	(Not Registered)

Note Programs are registered from your computer using Preset Tool. For details, refer to *Default and Program Settings* on page *2-32*.

Fax Transmission Functions

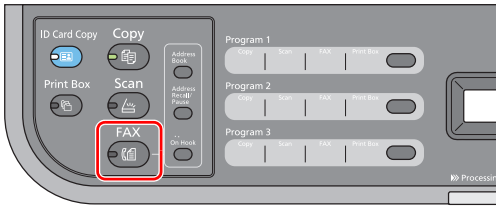
Selecting the Fax Resolution

Select fineness of images when sending fax. The larger the number, the better the image resolution. However, better resolution also means larger file sizes and longer send times.

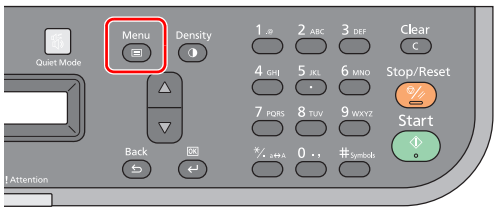
Item	Description	
200×100dpi Norm.	when sending originals with standard size characters	Typical character size: 10.5 point (example: Resolution Resolution)
200×200dpi Fine	when sending originals with relatively small characters and thin lines	Typical character size: 8 point (example: Resolution Resolution)
200×400dpi S.Fin	when sending originals with minute characters and lines	Typical character size: 6 point (example: Resolution Resolution)

Note The default setting is 200×100dpi Norm. The higher the resolution, the clearer the image, but the fax transmission time is longer.

1 Press **[FAX]**.



2 Press **[Menu]**.



3 Press **[▲]** or **[▼]** to select FAX Resolution.

4 Press **[OK]**.

5 Press **[▲]** or **[▼]** to select the fax resolution.

```
FAX Resolution          OK
▲ 200×400dpi S.Fin
▼
```

6 Press **[OK]**.

Original Size

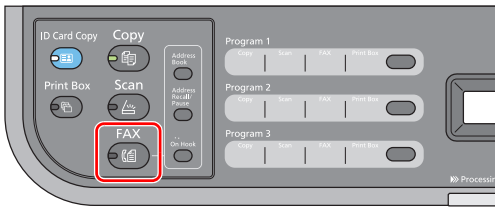
Specify the size of originals being scanned.

Original sizes that can be selected are shown below.

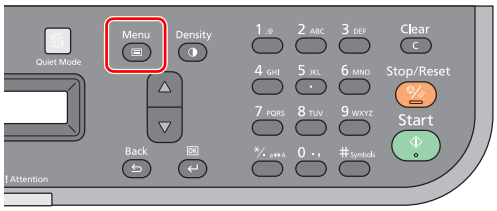
Model	Original Size
Metric Models	A4, A5, A6, B5, Folio, Letter, Legal, Statement, Executive, Oficio II, 216 × 340 mm, 16K, Others (ISO B5, Custom)
Inch Models	Letter, Legal, Statement, Executive, Oficio II, 216 × 340 mm, A4, A5, A6, B5, Folio, 16K, Others (ISO B5, Custom)

Note To use Custom, register the custom size of the original. For details, refer to *Configuration* on page *2-48*.

1 Press **[FAX]**.



2 Press **[Menu]**.



3 Press **[▲]** or **[▼]** to select `Original Size`.

4 Press **[OK]**.

5 Press **[▲]** or **[▼]** to select the desired original size.

```
Original Size          OK
▲ A4
▼
```

To select `ISO B5` or `Custom`, select `Others`, press **[OK]**, select `ISO B5` or `Custom`, and press **[OK]**.

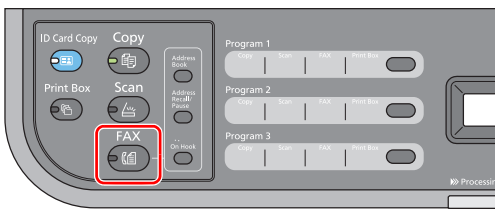
6 Press **[OK]**.

Original Image

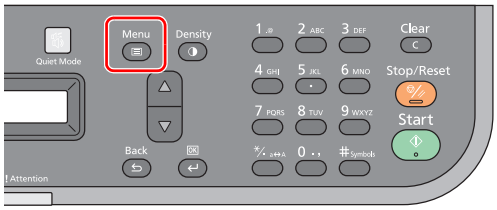
Select image quality suited to the type of original.

Item	Description
`Text+Photo`	Best for originals which contain a mixture of text and photos.
`Photo`	Best for photographs.
`Text`	Sharply renders pencil text and fine lines.

1 Press **[FAX]**.



2 Press **[Menu]**.



3 Press **[▲]** or **[▼]** to select `Original Image`.

4 Press **[OK]**.

5 Press **[▲]** or **[▼]** to select the image quality suited to the type of original.

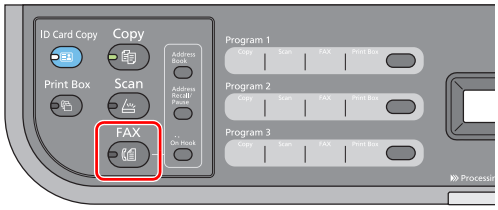
```
Original Image          OK
▲ Text+Photo
▼
```

6 Press **[OK]**.

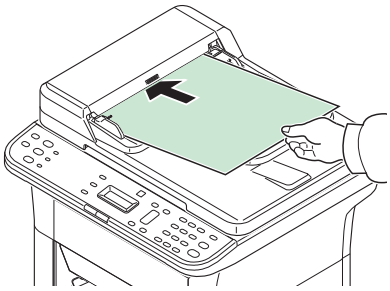
Manual Send

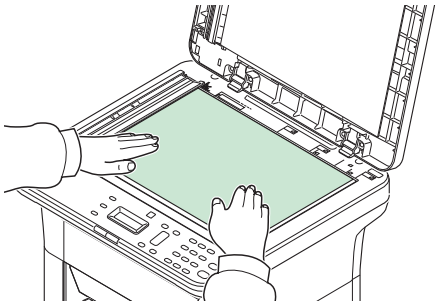
This method allows you to send originals by pressing **[Start]** after confirming that the telephone line has connected to the receiving system.

1 Press **[FAX]**.

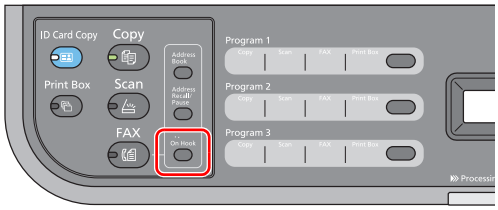


2 Place the originals. For details, refer to *Loading Originals* on page *2-18*.





3 Press **[On Hook]**.

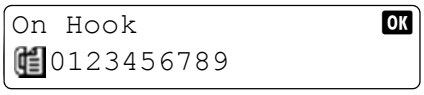


4 Press **[▲]** or **[▼]** to select `Manual TX`.

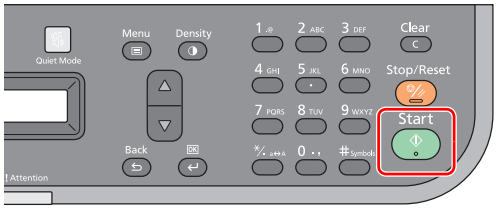
```
On Hook                 OK
▲ Manual TX
▼
```

5 Press **[OK]**.

6 Use the numeric keys to enter the number of the receiving system. The destination number is dialed.



7 When you hear the fax tone, the telephone line has connected to the receiving system. Press **[Start]**. Transmission begins.



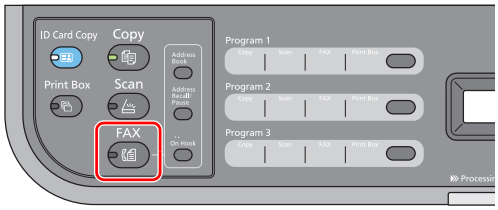
Using Chain Dial

Chain dial is a function that allows you to dial by linking fax numbers of the receiving systems with a chain number created with a number common to several destinations.

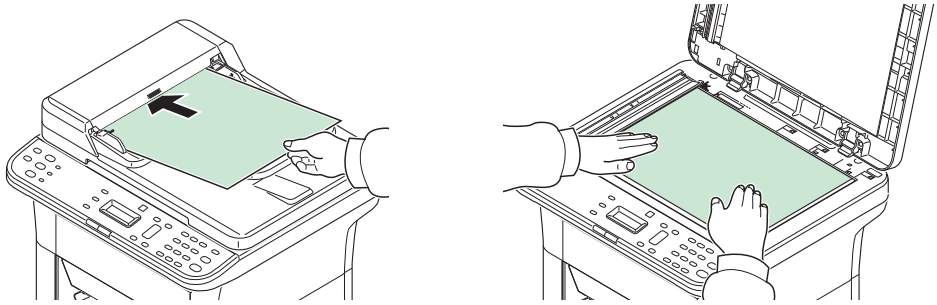
By setting multiple phone numbers from several telephone companies to a chain number, you can later choose the one that costs the least to send the fax to a remote or international destination.

Note You can use the chain number at the head of the fax number of the receiving system. It is convenient to register chain numbers that are used frequently to the Address Book.

1 Press **[FAX]**.

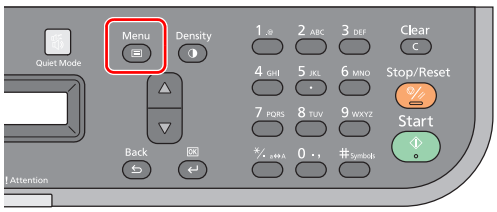


2 Place the originals. For details, refer to *Loading Originals* on page *2-18*.



3 Enter the fax number to be added to the chain number. Select the address in which the chain number is registered in the Address Book, or enter the chain number with the numeric keys. For details, refer to *Entering the Destination* on page *7-7*.

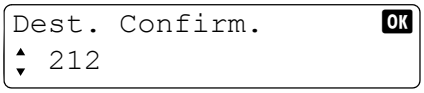
4 Press **[Menu]**.



5 Press **[▲]** or **[▼]** to select `Dest. Confirm.`.

6 Press **[OK]**.

7 Press **[▲]** or **[▼]** to select the chain number and press **[OK]**.



8 Press **[▲]** or **[▼]** to select `Chain`.

9 Press **[OK]**.

To select the fax number to be added to the chain number from the Address Book

10 Press **[▲]** or **[▼]** to select `Address Book`.

11 Press **[OK]**.

12 Press **[▲]** or **[▼]** to select the destination.

13 Press **[OK]**.

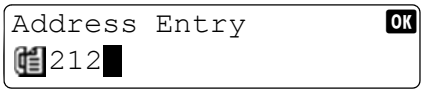
14 To select the next fax number, repeat steps from step 3.

To enter the fax number to be added to the chain number with the numeric keys

15 Press **[▲]** or **[▼]** to select `Address Entry`.

16 Press **[OK]**.

17 A chain number is already entered, so enter the fax number with the numeric keys.



18 Press **[OK]**.

19 To select the next fax number, repeat steps from step 3.

20 Press **[Start]**. Transmission begins.

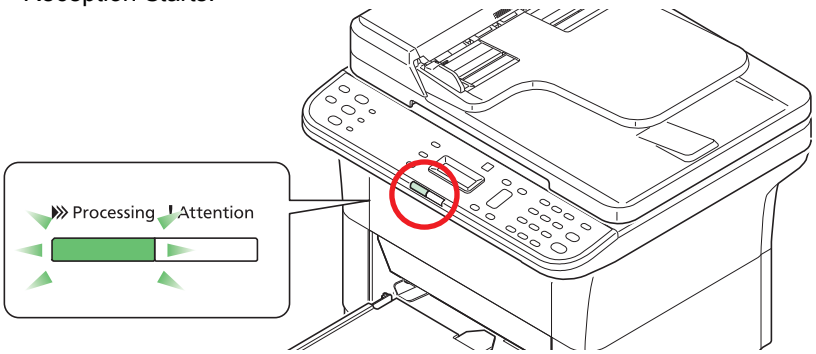
Receiving Faxes

FAX Automatic Reception

To have the machine receive faxes automatically, no special operation is required.

Flow of Reception

1 Reception Starts.

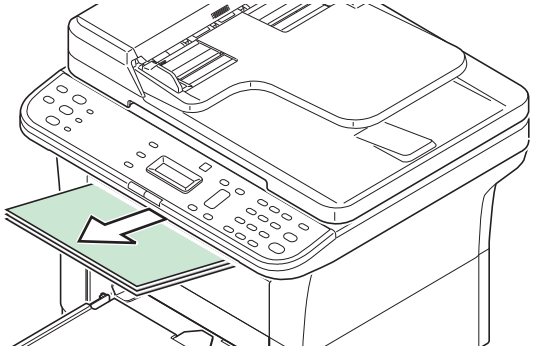


When a fax has been sent to you, the machine starts receiving the fax.

After reception has started, the **Processing** indicator blinks.

Note You can change the number of times the ringing tone rings. (Refer to *Fax Settings* on page *7-24*.)

2 Reception Print.



Received faxes are output to the inner tray with the printed side facing down. The inner tray can hold a maximum of 100 sheets of plain paper (80 g/m²). However, the number of sheets varies with the condition of the paper to be used.

IMPORTANT When the number of sheets to be printed exceeds the number of sheets that can be held, remove all the paper on the inner tray.

Even if the machine is not capable of printing due to paper running out or a paper jam, it can still receive faxes (memory reception).

Memory Reception

When the machine cannot print a fax due to paper running out or a paper jams, it temporarily stores originals that have been sent in the image memory. When the machine returns to the printable state, printing starts.

To print the received originals, supply paper or remove jammed paper.

Fax Reception Settings

Reception Date/Time

Reception Date/Time function adds the reception date/time, sender information and number of pages on the top of each page when the message is printed out. It is useful for confirming the time of reception if the fax is from a different time zone.

Note When the received fax data is forwarded after retrieving it from memory, the reception date/time is not added to the forwarded data.

Item	Description
On	Print the reception date/time.
Off	Do not print the reception date/time.

For more information about configuring settings, refer to *Fax Settings* on page *7-24*.

Duplex Print Output (FS-1125MFP and FS-1325MFP only)

Performs duplex printing if a fax of multiple pages are received when printing a fax.

Item	Description
On	Print on both sides.
Off	Do not print on both sides.

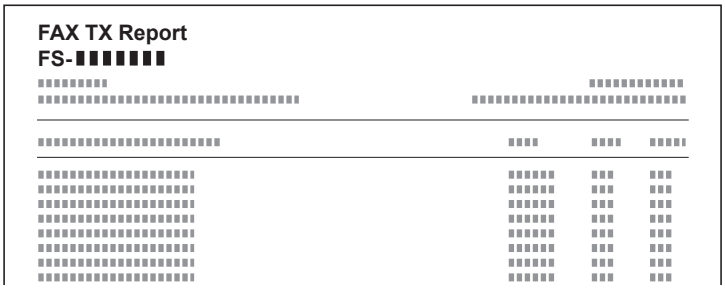
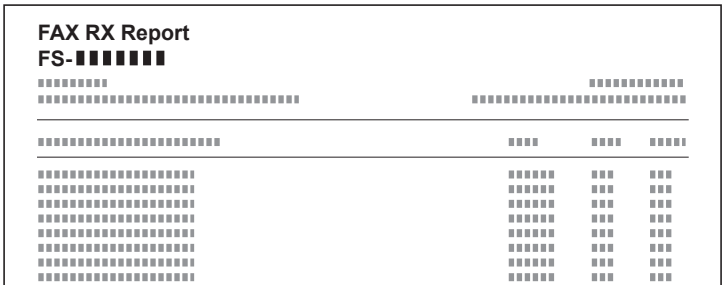
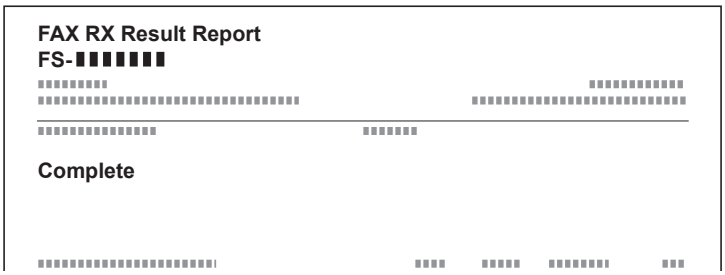
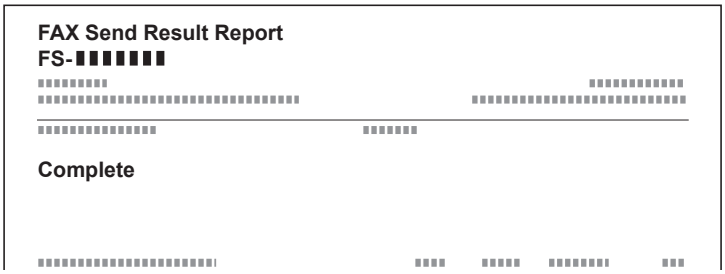
For more information about configuring settings, refer to *Fax Settings* on page *7-24*.

Printing Communication Reports

You can set fax communication reports to check transmission/reception status.

Note To set reports, refer to *Report* on page *7-25*.

When a fax communication error occurs, an error code will be indicated on the report. For information on error codes, refer to *FAX Error Code List* on page *9-12*.

Reports		Description
Admin Rpt Set.	Outgoing FAX Rpt	This administration report is printed after every 50 fax transmissions. 
	Incoming FAX Rpt	This administration report is printed after every 50 fax receptions. 
Result Rpt Set.	FAX RX Result	Each time you receive a fax, you can print a report to confirm whether the fax was received successfully. You can also have the report printed only when an error occurs. 
	FAX TX Result	Each time you send a fax, you can print a report to confirm whether the fax was sent successfully. You can also print the transmitted image in the send result report.* You can also have the report printed only when an error occurs. 

* Only when sending in the memory transmission mode.

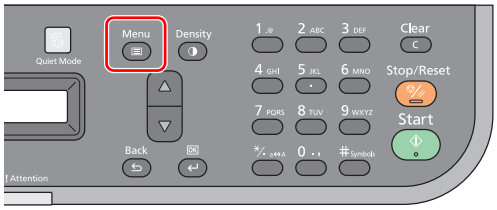
Fax Settings

Default Fax Settings

This section explains the fax settings in the System Menu.

Operation Method

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

```
Menu                    OK
▲▼ System Menu
```

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to display the desired menu.

```
System Menu             OK
▲▼ Report
```

The setting items successively appear as **[▲]** or **[▼]** is pressed.

```
System Menu             OK
▲▼ Common Settings
```

```
Common Settings         OK
▲▼ Language
```

When **[OK]** is pressed, the next setting of the selected item appears. To return to the previous display, press **[Back]**.

Note If the Administrator ID entry display appears, use the numeric keys to enter the Administrator ID (4 digits) and press **[OK]**. The default setting is `2500` for the FS-1025MFP, FS-1125MFP and FS-1325MFP, `2000` for the FS-1120MFP and FS-1320MFP.

```
Administrator ID        OK
(0000 - 9999)   ****
```

For details of Administrator ID, refer to *Administrator ID* on page *6-6*.

5 Press **[OK]**.

6 Use **[▲]** or **[▼]** or the numeric keys to change the setting.

```
Language                OK
▲▼*English
```

7 Press **[OK]**. The setting is registered. To exit, press **[Menu]**.

System Menu Settings

Settings for the fax function in the system menu are shown below.

Note For settings other than fax settings, refer to *Default Setting (System Menu)* on page *6-1*.

The System Menu contains some menus that can be set from a computer. Refer to *Configuration* on page *2-48*.

Item	Description	Reference Page
Report	Print reports to check the machine settings and status. Default settings for printing the result reports can also be configured.	7-25
Common Settings	Configures overall machine operation.	7-25
FAX Settings	Configures settings for fax functions.	7-26
Administrator	Change the Administrator ID. For details, refer to *Administrator ID* on page *6-6*.	6-6
Adjust/Maint.	Adjust printing quality and conduct machine maintenance.	7-27

Report

Print reports to check the machine settings and status. Default settings for printing the result reports can also be configured.

Item			Description
Status Page			A status page provides information on a number of user setups. FAX-related information includes the Local FAX Number, Local FAX Name, fax line setting, etc. You can print it out as necessary.
Admin Rpt Set.	Outgoing FAX Rpt		The administration report is printed after every 50 fax transmissions. Value: Off, On
	Incoming FAX Rpt		The administration report is printed after every 50 fax receptions. Value: Off, On
Result Rpt Set.	FAX RX Result		Each time you receive a fax, you can print a report to confirm whether the fax was received successfully. Value: Off, On, Error Only
	FAX TX Result		Each time you send a fax, you can print a report to confirm whether the fax was sent successfully. You can also print the transmitted image in the send result report. Value: Off, On, Error Only
		Attach Image	When On or Error Only is selected, the transmitted image is added to the report. Value: Off, On

Common Settings

Configures overall machine operation.

- **Sound**

Item	Description
FAX Speaker	Adjust the volume of the speaker. Speaker Volume: Volume of the built-in speaker when the line is connected by pressing **[On Hook]**. Value: 0 Mute, 1 Minimum, 2, 3 Medium, 4, 5 Maximum
FAX Monitor	Adjust the volume of the monitor. Monitor Volume: Volume of the built-in speaker when the line is connected without pressing **[On Hook]** such as in memory transmission. Value: 0 Mute, 1 Minimum, 2, 3 Medium, 4, 5 Maximum

- **Original Size**
  Specify the original size to be scanned. For details, *Original Size* on page *6-4*.
- **Paper Settings**
  Set the paper size to load in the cassette. For details, *Paper Settings* on page *6-4*.
- **Date Settings**
  Configure Date/Time and Date Format settings. For details, *Setting Date and Time* on page *7-2*.
- **Timer Settings**

  Note If the Administrator ID entry display appears, use the numeric keys to enter the Administrator ID (4 digits). The default setting is `2500` for the FS-1025MFP, FS-1125MFP and FS-1325MFP, `2000` for the FS-1120MFP and FS-1320MFP.

  For details of Administrator ID, refer to *Administrator ID* on page *6-6*.

Item	Description
`Unusable Time`	Set the unusable time. For detail, refer to *Unusable Time* on page *7-35*.

FAX Settings

Settings related to the fax function can be configured.

- **Transmission**

Item	Description
`TTI`	The transmit terminal identification (TTI) is the information about the machine (transmit terminal) to be printed out on the fax on the receiving system. The information includes transmission date and time, the number of transmission pages, and the fax number. Refer to *TTI (Transmit Terminal Identification)* on page *7-3*.
`Local FAX Name`	Register the local FAX name printed on in the transmit terminal identification. Refer to *Local FAX Name* on page *7-3*.
`Local FAX Number`	Register the local FAX number printed on in the transmit terminal identification (TTI) area. Refer to *Local FAX Number* on page *7-4*.
`FAX Dialing Mode`	Select the telephone line according to the type you are contracted with. Please note that selecting a wrong telephone line will prevent you from sending fax. Refer to *FAX Dialing Mode* on page *7-4*. **Note** This setting does not appear in some regions.
`Retry Times`	The number of automatic retry times can be changed.
`ECM TX`	Set whether ECM TX is performed. ECM is a communication mode specified by the ITU-T (International Telecommunication Union) that retransmits data when an error occurs. Fax machines that have ECM mode check for errors as they communicate, preventing distortion of the image due to noise on the line and other conditions. Refer to *ECM TX* on page *7-5*. Value: `On`, `Off` **Note** When there is a large amount of noise on the line, communication may take slightly longer than when `Off` is selected.
`TX Start Speed`	Set the TX Start Speed. When communication conditions are bad, the fax may not be transmitted correctly. In that case, set a lower TX Start Speed. Refer to *TX Start Speed* on page *7-6*. Value: `9600bps`, `14400bps`, `33600bps` **Note** Normally this should be used with the default setting.

- **Reception**

Item	Description
Rings(Normal)	The number of rings until the machine answers a call can be changed as needed. **Note** This setting does not appear in some regions.
RX Settings	Select the reception mode. Value: Auto(Normal), Auto(DRD) **Note** DRD reception mode is only available for Australia and New Zealand. This setting does not appear in other regions.
Forward Settings	Configure Forward Settings. Refer to *Forward Settings* on page *7-28*.
RX Date/Time	Reception Date/Time function adds the reception date/time, sender information and number of pages on the top of each page when the message is printed out. It is useful for confirming the time of reception if the fax is from a different time zone. Value: On, Off
Duplex Printing	Performs duplex printing if a fax of multiple pages are received when printing a fax. Value: On, Off
RX Restriction	Set Reception Restriction. Refer to *RX Restriction* on page *7-34*.
Unknown Number RX	When Reception Restriction is set, you can set whether or not reception is allowed from parties that do not provide notification of their fax number. Refer to *RX Restriction* on page *7-34*.
ECM RX	Set whether ECM RX is performed. Value: On, Off
RX Start Speed	Set the RX Start Speed. Value: 9600bps, 14400bps, 33600bps

Adjustment and Maintenance

Adjust printing quality and conduct machine maintenance.

- **Service Settings**

Note If the Administrator ID entry display appears, use the numeric keys to enter the Administrator ID (4 digits). The default setting is 2500 for the FS-1025MFP, FS-1125MFP and FS-1325MFP, 2000 for the FS-1120MFP and FS-1320MFP.

For details of Administrator ID, refer to *Administrator ID* on page *6-6*.

Item	Description
FAX Country Code	To use this menu, consult your dealer or service representative.
FAX Call Set.*	When using this machine in environment in which PBX for connection to multiple phones for business use is installed, perform the following PBX setting.
Exchange Select.	If the machine is connected to a PBX, set PBX. Value: PBX, PSTN
Dial No. to PSTN	Set a number to access an outside line. For the number, contact the PBX administrator. Value: 0-9, 00-99

* This setting does not appear in some regions.

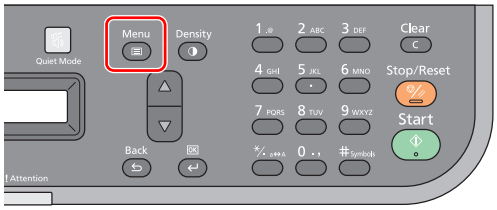
Forward Settings

When you have received a fax, you can forward the received image to other fax machines, or set printing.

Setting Forwarding

Use the procedure below to set forwarding.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Reception`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `Forward Settings`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `Forwarding`.

```
Forward Settings      OK
▲ Forwarding
▼
```

11 Press **[OK]**.

12 To set `Forwarding`, press **[▲]** or **[▼]** to select `On`.

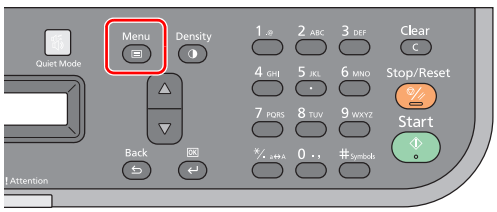
```
Forwarding            OK
▲ On
▼
```

13 Press **[OK]**.

Registering Forwarding Destination

Use the procedure below to register a forwarding destination.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Reception`.

7 Press **[OK]**.

8 Press [▲] or [▼] to select `Forward Settings`.

9 Press **[OK]**.

10 Press [▲] or [▼] to select `Forward Dest.`.

```
Forward Settings      OK
▲ Forward Dest.
▼
```

11 Press **[OK]**.

12 Press [▲] or [▼] to select `Add`.

```
Forward Dest.         OK
▲ Add
▼
```

13 Press **[OK]**.

Selecting Forwarding Destination from Address Book

14 Press [▲] or [▼] to select `Address Book`.

```
Add                   OK
▲ Address Book
▼
```

15 Press **[OK]**.

16 Press [▲] or [▼] to select the destination.

```
Address Book          OK
▲ Support department
▼
```

17 Press **[OK]**.

Entering Forwarding Destination Directly

18 Press [▲] or [▼] to select `Address Entry`.

```
Add                   OK
▲ Address Entry
▼
```

19 Press **[OK]**.

20 To change the fax number, reenter the number with the numeric keys.

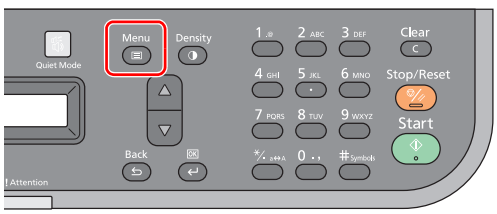
```
Address Entry         OK
0123456789
```

21 Press **[OK]**.

Changing and Deleting Registration Contents

Use the procedure below to change or delete registration contents.

1 Press **[Menu]**.



2 Press [▲] or [▼] to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Reception`.

7 Press **[OK]**.

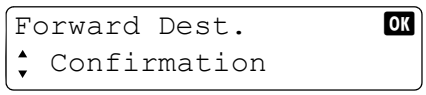
8 Press **[▲]** or **[▼]** to select `Forward Settings`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `Forward Dest.`.

11 Press **[OK]**.

12 Press **[▲]** or **[▼]** to select `Confirmation`.

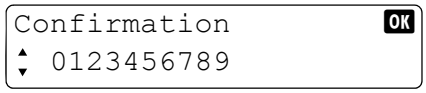


13 Press **[OK]**.

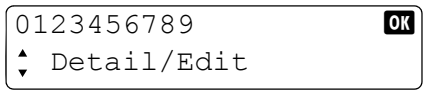
When the fax number of the destination was entered with the numeric keys

The fax number, TX Start Speed, and ECM can be changed.

1 Press **[▲]** or **[▼]** to select the destination to be changed, and press **[OK]**.



2 Press **[▲]** or **[▼]** to select `Detail/Edit`.

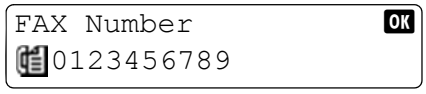


3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX Number`.

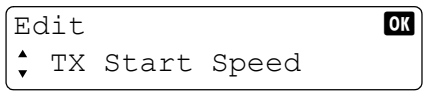
5 Press **[OK]**.

6 To change the fax number, reenter the number with the numeric keys.



7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `TX Start Speed`.



9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select the desired TX Start Speed.

11 Press **[OK]**.

12 Press **[▲]** or **[▼]** to select `ECM`.

13 Press **[OK]**.

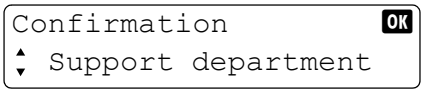
14 Press **[▲]** or **[▼]** to select `On` or `Off`.

15 Press **[OK]**.

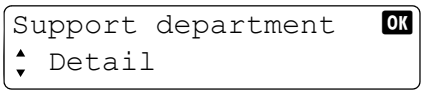
When the destination was selected from the Address Book

The information stored in the destination can be checked.

1 Press **[▲]** or **[▼]** to select the destination that you want to check, and press **[OK]**.

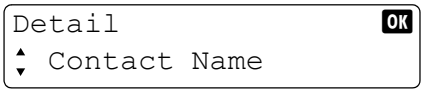


2 Press **[▲]** or **[▼]** to select `Detail`.



3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select the item that you want to check.



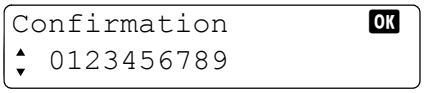
Note The following items can be checked.

- Contact Name
- FAX Number
- TX Start Speed
- ECM

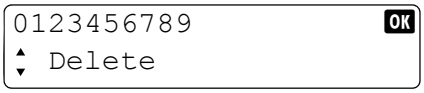
5 Press **[OK]**.

To delete the forwarding destination

1 Press **[▲]** or **[▼]** to select the destination that you want to delete, and press **[OK]**.



2 Press **[▲]** or **[▼]** to select `Delete`.



3 Press **[OK]**.

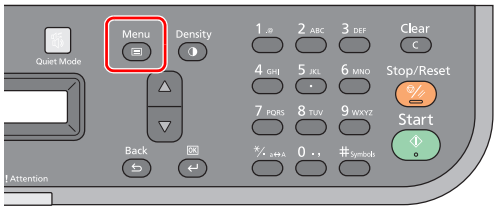
4 Press **[▲]** or **[▼]** to select `Yes`.

5 Press **[OK]**. The selected destination is deleted.

Forwarding Time Setting

Register the start time and end time between which forwarding is enabled.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Reception`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `Forward Settings`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `Forward Time`.

```
Forward Settings      OK
▲▼ Forward Time
```

11 Press **[OK]**.

12 Press **[▲]** or **[▼]** to select `All day` or `Preset Time`.

```
Forward Time          OK
▲▼ All day
```

To forward all day, select `All day` and press **[OK]**.

To set a forwarding start time and end time, select `Preset Time` and press **[OK]**, and then set the start time and end time.

Forwarding start time and end time settings

13 Enter the Start Time with the numeric keys.

```
Start Time            OK
          08:00
```

Enter the 'hour' and press **[OK]**. The 'minute' can now be entered.

14 Press **[OK]**.

15 Enter the End Time with the numeric keys.

```
End Time              OK
          17:00
```

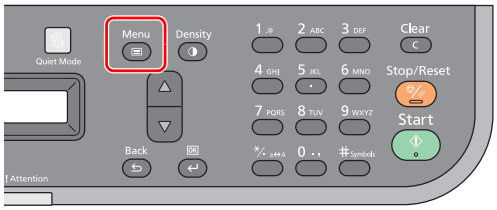
Enter the 'hour' and press **[OK]**. The 'minute' can now be entered.

16 Press **[OK]**.

Print Setting

You can set whether the machine should print received originals when forwarding them.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Reception`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `Forward Settings`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `Print`.

```
Forward Settings      OK
▲▼ Print
```

11 Press **[OK]**.

12 Press **[▲]** or **[▼]** to select `On` (print) or `Off` (do not print).

```
Print                 OK
▲▼ On
```

13 Press **[OK]**.

RX Restriction

Reception from parties registered in the Reject List and parties that have not registered their TTI (own fax number) can be rejected. (You can select whether reception from parties that have not registered their TTI is allowed or not allowed in *Unknown Number RX* on page *7-34*.)

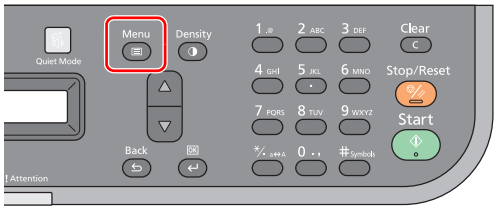
Note The Reject List is registered from your computer. For details, refer to *Address Book* on page *2-39*.

Setting RX Restriction

To reject reception from parties registered in the Reject List, follow the steps below.

Note To set RX Restriction, turn on **Enable number blocking**. For details, refer to *Registering Reject List* on page *2-43*.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Reception`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `RX Restriction`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `Reject List`.

```
RX Restriction          OK
▲ Reject List
▼
```

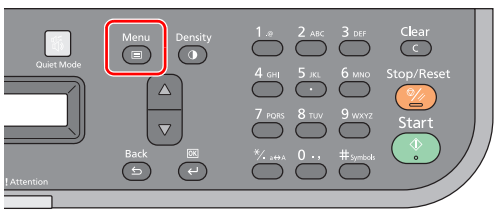
11 Press **[OK]**.

Unknown Number RX

When RX Restriction is set, you can select whether reception from parties that do not provide notification of their TTI (own fax number) is allowed or not allowed. To change the RX Restriction setting for parties that do not provide notification of their TTI, follow the steps below.

Note To set Unknown Number RX, turn on **Block all unknown numbers**. For details, refer to *Registering Reject List* on page *2-43*.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `FAX`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Reception`.

7 Press **[OK]**.

8 Press **[▲]** or **[▼]** to select `Unknown Number RX`.

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `Reject` or `Permit`.

```
Unknown Number RX      OK
▲ Reject
▼
```

11 Press **[OK]**.

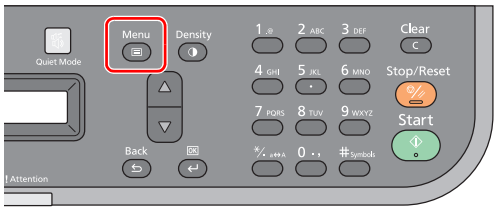
Unusable Time

This feature sets a time period during which the machine will not print received faxes. Even during Unusable Time, it is possible to perform an operation by entering the unlock code (4 digits).

IMPORTANT When Unusable Time is set, in addition to FAX printing, all other operations are all prohibited during the unusable time period, including printing of copy jobs and printer jobs, and FAX Driver transmission.

Follow the steps below to set Unusable Time and register the unlock code for Unusable Time.

1 Press **[Menu]**.



2 Press **[▲]** or **[▼]** to select `System Menu`.

3 Press **[OK]**.

4 Press **[▲]** or **[▼]** to select `Common Settings`.

5 Press **[OK]**.

6 Press **[▲]** or **[▼]** to select `Timer Settings`.

7 Press **[OK]**.

8 Use the numeric keys to enter the Administrator ID. The default setting is `2500` for the FS-1025MFP, FS-1125MFP and FS-1325MFP, `2000` for the FS-1120MFP and FS-1320MFP.

```
Administrator ID       OK
(0000 - 9999)    ****
```

9 Press **[OK]**.

10 Press **[▲]** or **[▼]** to select `Unusable Time`.

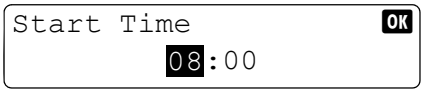
11 Press **[OK]**.

12 Press **[▲]** or **[▼]** to select `On`.

```
Unusable Time          OK
▲ On
▼
```

13 Press **[OK]**.

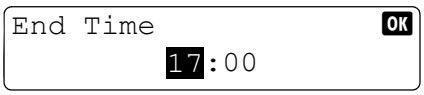
14 Enter the Start Time with the numeric keys.



Enter the 'hour' and press **[OK]**. The 'minute' can now be entered.

15 Press **[OK]**.

16 Enter the End Time with the numeric keys.

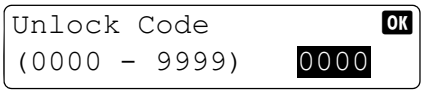


Enter the 'hour' and press **[OK]**. The 'minute' can now be entered.

IMPORTANT When the Start Time and End Time are set to the same time, the setting is treated as 'all day'.

17 Press **[OK]**.

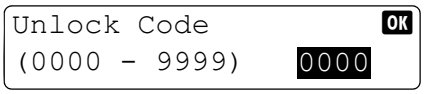
18 Enter the unlock code.



19 Press **[OK]**.

Using the Machine During Unusable Time

To temporarily use the machine during Unusable Time, enter the unlock code and press **[OK]**.



Sending Faxes from PC

The FAX Driver function makes it possible to send faxes from any computer connected by USB or network cable. Its primary features include the following.

- PC-prepared document can be sent by fax without being printed out.
- An Address Book (in the machine/PC) can be used to specify a desired destination.
- Addition of a cover page.

Flow of Sending Faxes from PC

Sending faxes from PC is performed in the following sequence.

Prepare a document using a PC connected to this machine.

▼

Forward the document data from the PC to this machine using the same operation as for printing.

▼

The machine sends the document data to another fax machine.

▼

The other fax machine receives the data.

Setup

Connection to a PC

Connect the machine to a PC using the network cable or USB cable. For details, refer to *Connections* on page *2-2*.

Installing Software on the PC

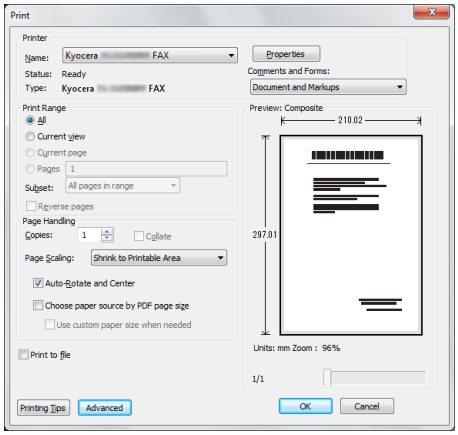
Install the dedicated software (included in the supplied *Product Library* disc) on your PC required to use FAX Driver.

For details, refer to *Installing and Uninstalling Drivers and Utilities* on page *2-20*.

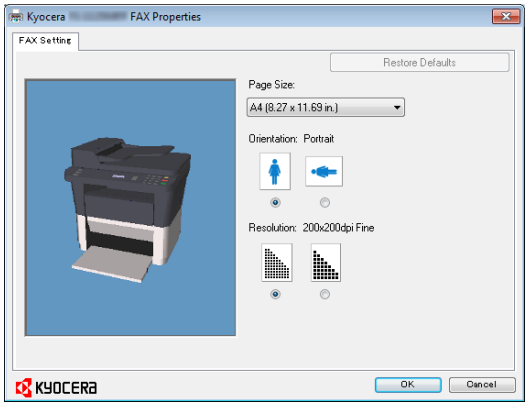
Basic Transmission

1. Use an application on your computer to create the document to be sent.
2. Select **Print** from the **File** menu. The **Print** screen for the application that you are using will appear.
3. Use the drop-down menu in the **Name** field to select the name of the machine to be used as the FAX Driver.
4. Enter the page numbers, etc., to be faxed.

Note Make sure that the number of copies is set to 1. The following screen is an example. The actual dialog box will vary depending on the application that you are using.



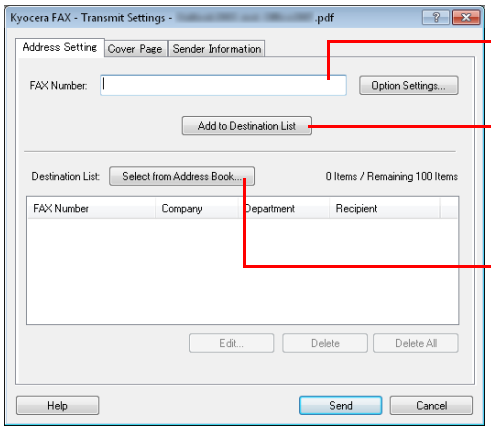
5. Click **Properties** to open the **Properties** screen.
6. Specify fax settings such as the original size on the **FAX Setting** tab, and click **OK**.



Note For detailed information on the settings on the tab, refer to *Configuring the Driver Default Settings* on page *7-40*.

7. You will return to the **Print** screen for the application. Click **OK**. The **Transmit Settings** screen will appear.

8 Set the destination.



Use the keyboard to enter the destination fax number.

Click **Add to Destination List**. The destination information will appear in the address list. To send to multiple destinations, repeat this operation.

To use the Address Book, click **Select from Address Book** and select the destination.

Note For the procedures for using and registering destinations in the Address Book, refer to *FAX Driver Operation Guide*.

9 Specify a cover page.

To include a cover page, select settings on the **Cover Page** tab.

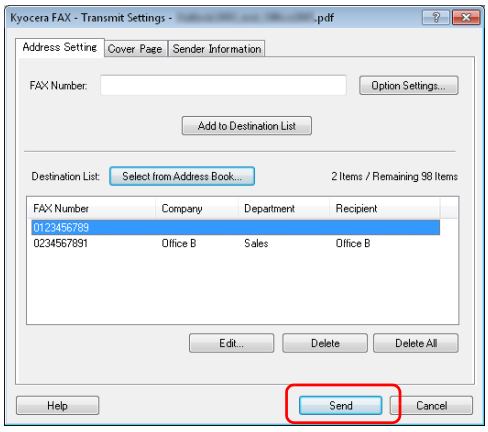
Note For details on the settings, refer to *FAX Driver Operation Guide*.

10 Set the sender information.

When the sender information is not set in the default settings, click on the **Sender Information** tab and set the sender information.

Note For details on the settings, refer to *FAX Driver Operation Guide*.

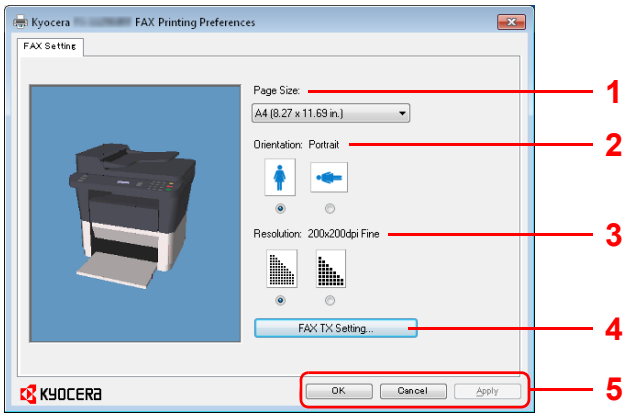
11 Click **Send**. Transmission will begin.



Configuring the Driver Default Settings

Use the FAX Setting tab of the print settings screen to set the original size and other transmission conditions.

1. From the start button, click **Control Panel**, **Hardware and Sound**, and **Devices and Printers**.
2. Right-click the product name of the machine you are using and select **Printing preferences** from the drop-down menu. The **Printing Preferences** screen will open.
3. Select settings.



The following settings can be specified.

No.	Item	Description
1	**Page Size**	Select the size of the document being transmitted from the dropdown list. Value: **Letter (8.5 x 11 in.)**, **Legal (8.5 x 14 in.)**, **Statement (5.5 x 8.5 in.)**, **A4 (8.27 x 11.69 in.)**, **A5 (5.83 x 8.27 in.)**, **Folio (8.27 x 12.99 in.)**, **B5 (JIS) (7.17 x 10.12 in.)**
2	**Orientation**	Specify whether the orientation of the document is portrait or landscape. Value: **Portrait**, **Landscape**
3	**Resolution**	Select the resolution of the document to be transmitted from the drop-down list. Value: **200 × 100 dpi Normal**, **200 × 200 dpi Fine**
4	**FAX TX Setting**	Click **FAX TX Setting** to change the default settings for fax transmission. The **Default Settings** screen will appear. For detailed information on the settings, refer to *FAX Driver Operation Guide*.
5	**OK/Cancel/Apply**	Clicking **OK** exits the Printing Preferences after applying the modified settings. Clicking **Cancel** exits the Printing Preferences without applying the modified settings. Clicking **Apply** applies the modified settings without exiting the Printing Preferences.

8 Maintenance

This chapter explains the following topics:

General Information 8-2
Toner Container Replacement 8-2
Maintenance Kit Replacement 8-5
Cleaning the Machine 8-5
Maintenance Menu 8-8
Prolonged Non-Use and Moving of the Machine 8-9

General Information

This chapter describes basic maintenance tasks you can perform for the machine. You can replace the toner container according to the machine's status:

Also, the internal parts need periodic cleaning.

Note Information Collection on Memory Chips - The memory chip attached to the toner container is designed to improve convenience for the end user; to support the recycling operation of empty toner containers; and to gather information to support new product planning and development. The information gathered is anonymous - it cannot be associated to any specific individual and the data is intended to be used anonymously.

Toner Container Replacement

When the machine becomes low on toner, message display displays `Toner is running out`. Note the replacement is not always necessary at this stage.

If you ignore the above status and continue printing, message display displays `Add toner.` just before the toner is used up and the machine will stop. The toner container must then be replaced immediately.

In either case, replace the toner container.

Note If *Non-genuine toner is installed* appears in KYOCERA Client Tool after the toner container is replaced, the installed toner container is non-genuine.

The manufacturer assumes no responsibility for damage caused by a non-genuine toner.

We recommend that you only use genuine toner containers.

When you want to use the toner container currently installed, press **[Stop/Reset]** and **[OK]** simultaneously for 3 seconds or more.

Frequency of toner container replacement

According to ISO 19752 and EcoPrint switched off the toner container can print as follows (A4/Letter paper is assumed): 2,500 pages (FS-1120MFP), 3,000 pages (FS-1025MFP and FS-1125MFP), 1,600 pages (FS-1320MFP) or 2,100 pages (FS-1325MFP).

You can print a status page to check how much toner remains in the toner container. The Toner Gauge in the consumables status section on the status page shows a progress bar, which roughly represents how much toner is left in the toner container.

Starter Toner Container

The toner container packed with the new machine is a starter toner container. The starter toner container lasts an average of 700 pages (FS-1120MFP and FS-1320MFP) or 1,000 pages (FS-1025MFP, FS-1125MFP and FS-1325MFP).

Toner Kits

For best results, we recommend that you only use genuine Kyocera Parts and Supplies. Should any damage be caused by the application of a toner other than the original toner, then this damage is excluded from the guarantee.

A new toner kit contains the following items:

- Toner Container
- Plastic waste bag for old toner container
- Installation Guide

Note Do not remove the toner container from the carton until you are ready to install it in the machine.

Replacing the Toner Container

This section explains how to replace the toner container.

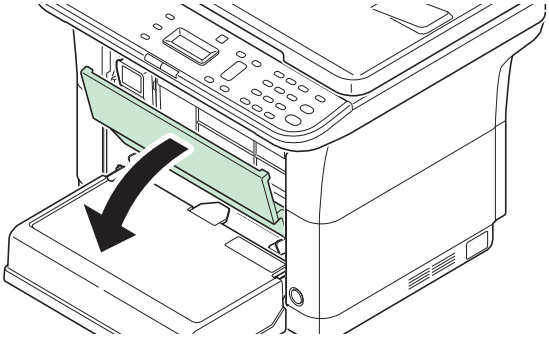
CAUTION Do not attempt to incinerate the Toner Container. Dangerous sparks may cause burns.

IMPORTANT During toner container replacement, temporarily move storage media and computer supplies (such as floppy disks) away from the toner container. This is to avoid damaging media by the magnetism of toner.

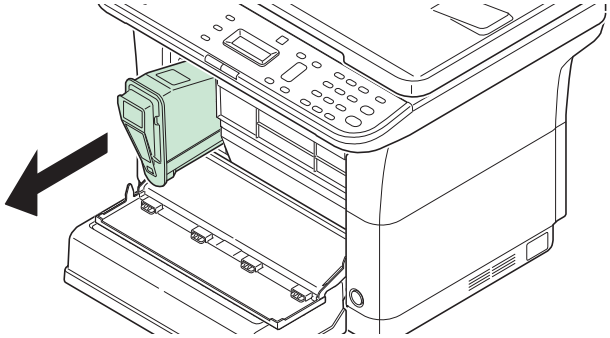
KYOCERA Document Solutions Inc. is not liable against any damages or problems arising from the use of toner containers other than those designated as original Kyocera toner containers. For optimum performance, it is also recommended to use only the Kyocera toner containers which are specifically intended for use in your country or region. If the toner container for another destinations is installed, the machine will stop printing.

Note You do not have to turn machine power off before starting the replacement. Any data that may be processing in the machine will be deleted if you turn the machine power off.

1 Open the front cover.

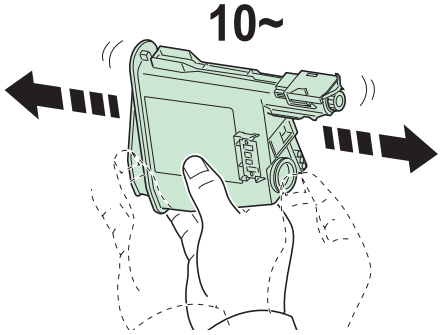


2 Pull out the toner container.

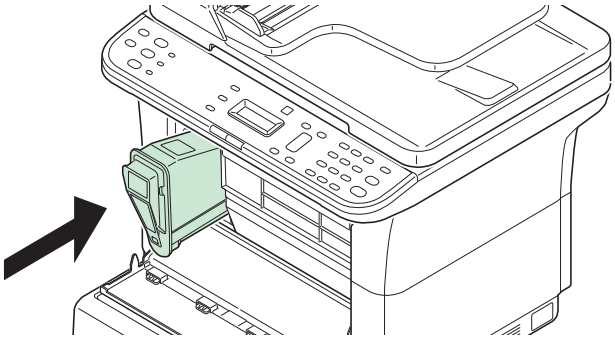


Note Put the old toner container in the plastic bag (supplied with the new toner kit) and discard it later according to the local code or regulations for waste disposal.

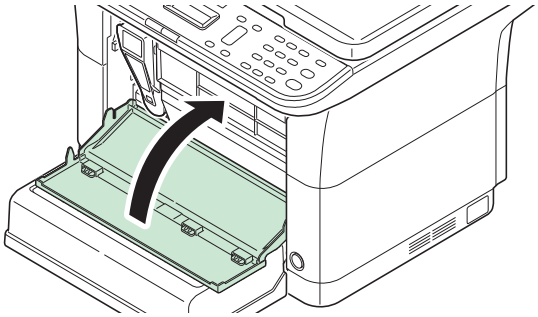
3 Take the new toner container out of the toner kit. Shake the new toner container at least 10 times as shown in the figure in order to distribute the toner evenly inside the container.



4 Install the new toner container in the machine. Push in firmly until you hear a "click" sound.



5 Close the front cover. Toner is replenished for about 4 seconds.



Note If the front cover does not close, check that the new toner container is installed correctly (in step 4).

After use, always dispose of the toner container in accordance with Federal, State and Local rules and regulations.

Maintenance Kit Replacement

When the machine prints 100,000 pages, a message is printed indicating that the maintenance kit should be replaced. The maintenance kit must then be replaced immediately.

To replace the maintenance kit, contact your service representative.

Contents:

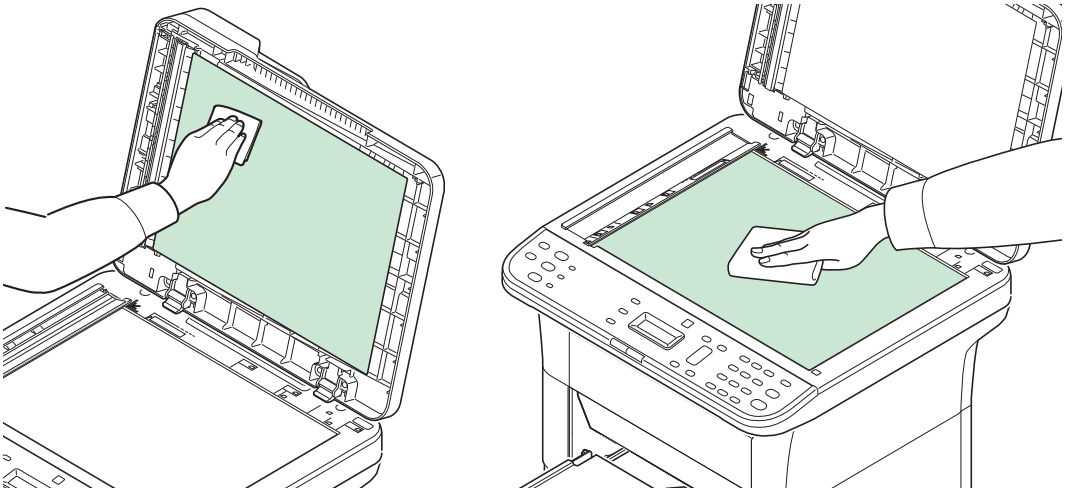
- Drum unit
- Developer unit
- Waste toner box
- Feed roller
- Lower paper feed guide
- Transfer roller

Cleaning the Machine

Clean the machine regularly to ensure optimum output quality.

Document Processor/Platen

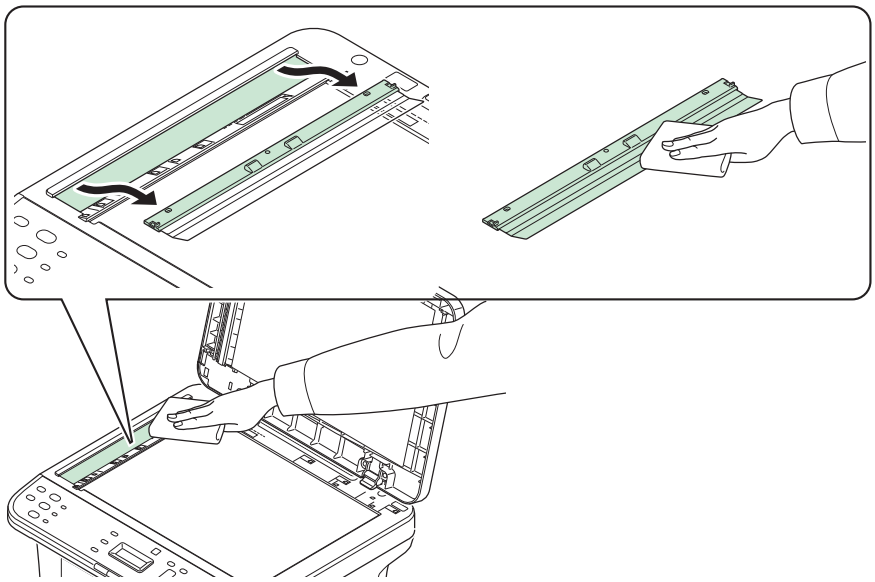
Wipe the inside of the document processor and the platen with a soft cloth dampened with alcohol or mild detergent.



Note Do not use organic solvents or other strong chemicals.

Slit Glass Cover

When the slit glass cover is dirty, remove the slit glass cover and wipe the front and back surfaces of the cover and the slit glass with a soft cloth moistened with alcohol or a diluted neutral detergent.



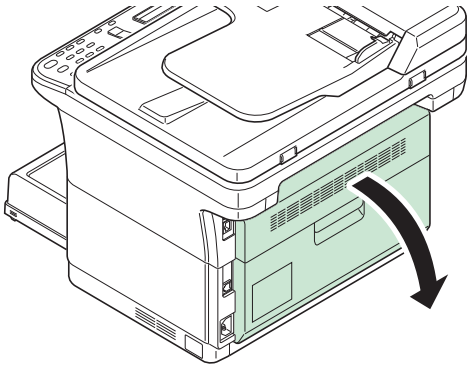
Note Do not use organic solvents or other strong chemicals.

Make sure the slit glass has dried completely before replacing it.

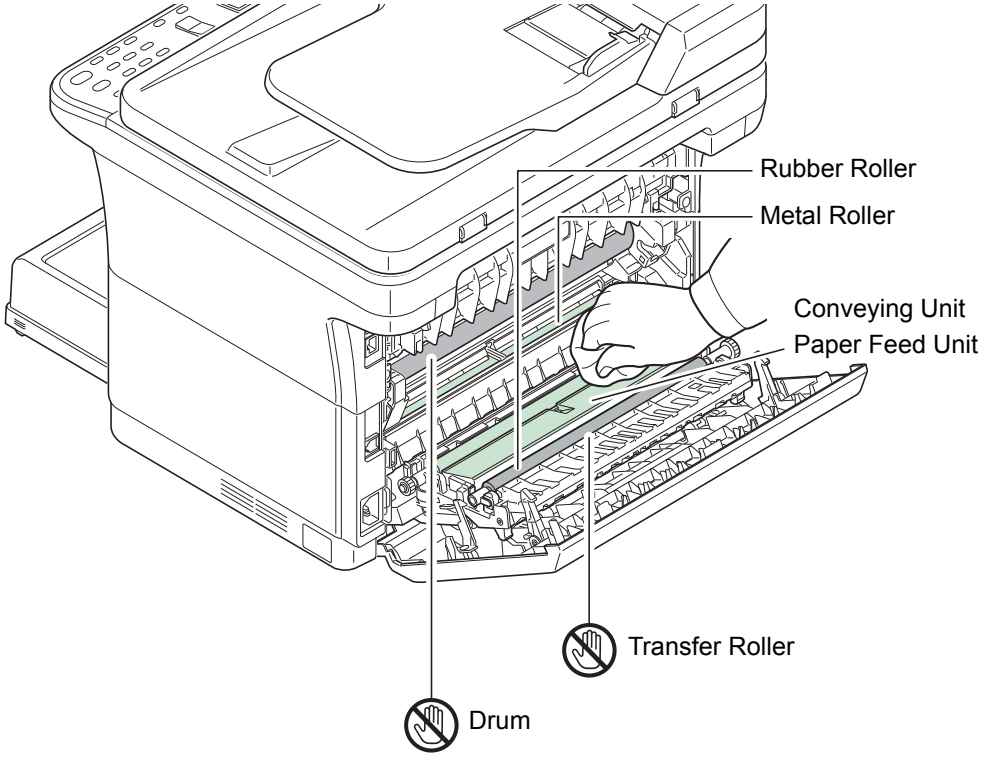
Interior of the Machine

To avoid print quality problems, the interior of the machine must be cleaned with every toner container replacement.

1 Open the rear cover.



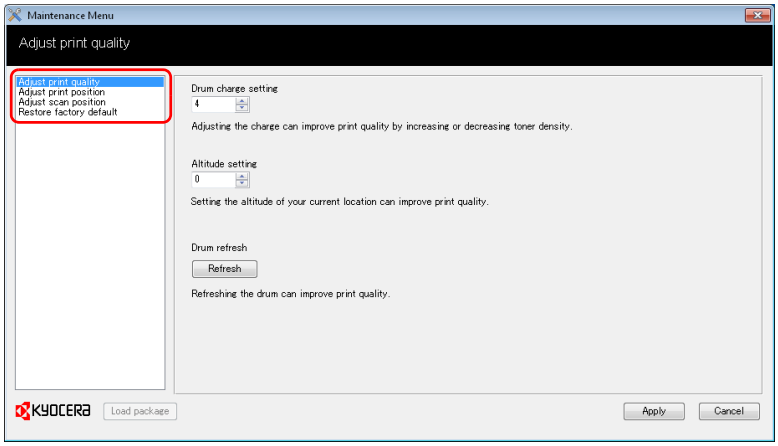
2 Use a clean, lint-free cloth to wipe dust and dirt off the metal and rubber rollers, conveying unit, and paper feed unit.

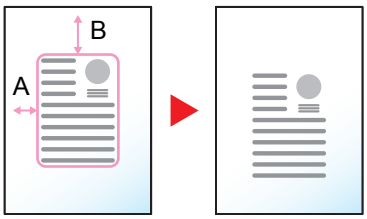
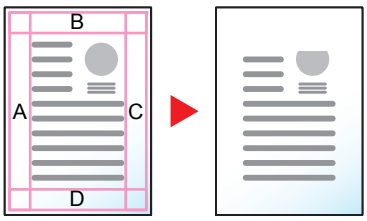


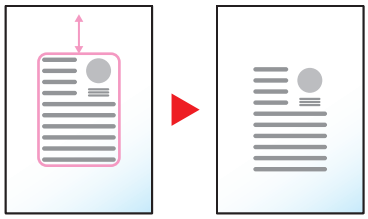
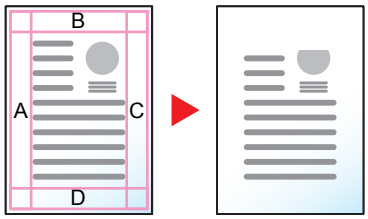
IMPORTANT Take care not to touch the drum and transfer roller (black) during cleaning.

Maintenance Menu

The Maintenance Menu that the user can adjust from KYOCERA Client Tool is described below. In addition, also refer to *KYOCERA Client Tool User Guide*.



Maintenance Menu		Description
Adjust print quality	**Drum charge setting**	When print quality has deteriorated, the output of the main charger can be changed to restore print quality.
	Altitude setting	If you are using the machine at an altitude of 1500 m or higher and print quality has deteriorated, the **Altitude setting** can be used to restore print quality.
	Drum refresh	Perform Drum refresh when images show streaking with white lines.
Adjust print position	**Printing start position**	**Single-sided printing** Adjust the position of the printed image. **Duplex printing** Adjust the position of the image printed on the back side of the paper when duplex printing is used.  A: Left edge B: Top edge Top edge: +10
	Print margins	Adjust the width of the top edge, bottom edge, left edge and right edge margins. **Note** This setting is not effective for the printing from the machine.  A: Left edge B: Top edge C: Right edge D: Bottom edge Top edge: +10

Maintenance Menu		Description	
Adjust scan position	**Scanning start position**	Adjust the position of the scanned image.	 Platen: -10
	Scan margins	Adjust the width of the top edge, bottom edge, left edge and right edge margins.	 A: Left edge B: Top edge C: Right edge D: Bottom edge Top edge: +10
Restore factory default		Restore factory default settings.	

Prolonged Non-Use and Moving of the Machine

Prolonged Non-use

If you ever leave the machine unused for a long period of time, remove the power cord from the wall outlet.

We recommend you consult with your dealer about the additional actions you should take to avoid possible damage that may occur when the machine is used next time.

Moving the Machine

When you move the machine:

- Move it gently.
- Keep it as level as possible to avoid spilling toner inside the machine.
- Be sure to consult a service representative before attempting long distance transportation of the machine.
- Keep the machine horizontal.

WARNING If you are shipping the machine, remove and pack the developer unit and drum unit in a plastic bag and ship them separately from the machine.

9 Troubleshooting

This chapter explains the following topics:

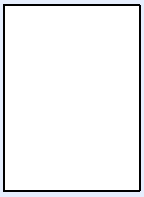
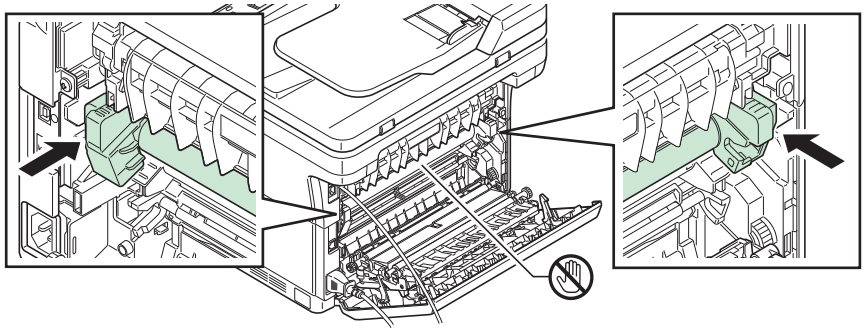
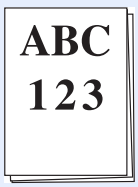
Solving Malfunctions 9-2
Error Messages 9-8
FAX Error Code List 9-12
Clearing Paper Jams 9-14

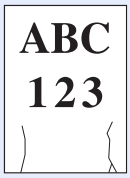
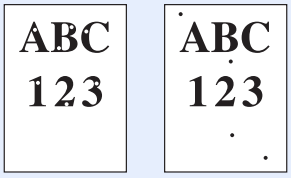
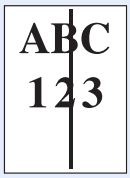
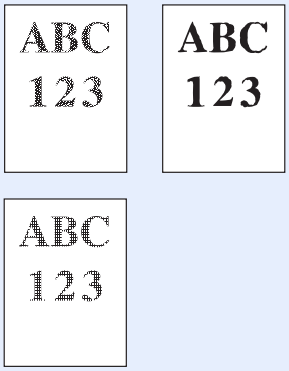
Solving Malfunctions

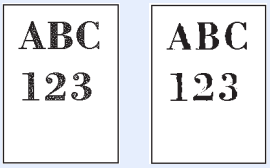
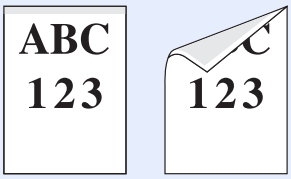
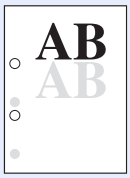
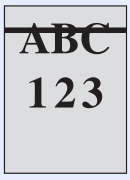
The table below provides general guidelines for problem solving.

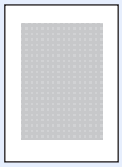
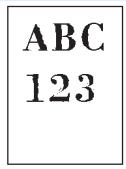
If a problem occurs with your machine, look into the checkpoints and perform procedures indicated on the following pages. If the problem persists, contact your service representative.

Symptom	Checkpoints	Corrective Actions	Reference Page
The screen does not respond when the power switch is turned on.	Check the power cord.	Connect both ends of the power cord securely.	2-3
Pressing **[Start]** does not produce copies.	Is there a message on the machine screen, KYOCERA Client Tool, or the Status Monitor?	Determine the appropriate response to the message and respond accordingly.	9-8
	Is the machine in Sleep mode?	Press any key on the operation panel to recover the machine from Sleep mode.	—
The indicators are off and the motor is not working.	Check the power cord.	Connect both ends of the power cord securely.	2-3
	—	Press the power switch.	—
The machine will not print from the computer.	Check the power cord.	Connect both ends of the power cord securely.	2-3
	Is the machine powered on?	Turn on the power switch.	—
	Are the interface cable connected?	Connect the correct interface cable securely.	2-2
	Was the machine powered on before the interface cable was connected?	Power on the machine after connecting the interface cable.	2-2
	Is the print job paused?	Resume printing.	—
	Does an error message appear in the display on the operation panel?	Using the information on page *9-8*, check if an error has occurred and clear the error. If the indicators show a pattern not described on page *9-8*, turn the power switch off and then on again. Print the job again.	9-8
	Check if a status page can be printed.	If the status page was printed successfully, there may be a problem with the connection to the computer. Check the connection. To print the status page, refer to *Printing the Status Page* on page *2-58*.	2-2
The machine prints a status page but data from the computer is not being printed.	Check the interface cable.	Connect both ends of the interface cable securely. Try replacing the interface cable.	2-2
	Check program files and application software.	Try printing another file or using another print command. If the problem occurs with a specific file or application, check the printer settings for that application.	—

Symptom	Checkpoints	Corrective Actions	Reference Page
Vapor is emitted near the inner tray.	Check if the temperature is low near the location of the machine, or if the paper that is being used has been exposed to humidity.	Depending on the operating environment of the machine and the condition of the paper, heat generated during printing can evaporate water moisture in the printed paper, emitting vapor from the machine. In this case, printing can be continued without any problem. To correct this, increase the temperature in the room, and use paper that has been stored in a dry place.	—
Blank sheets are ejected. 	Are the originals loaded correctly?	When placing originals on the platen, place them face-down and align them with the original size indicator plates.	2-18
		When placing originals in the document processor, place them face-up.	2-18
Full black printout or faint printing. 	—	Open the rear cover and press the points shown in the figure. If the problem is not solved even after printing several pages, call for service. 	—
Paper often jams.	Is the paper loaded correctly?	Load the paper correctly.	2-12, 2-13, 2-16
	Is the paper of the supported type? Is it in good condition?	Remove the paper, turn it over, and reload it.	2-5
	Is the paper curled, folded or wrinkled?	Replace the paper with new paper.	2-5
	Are there any loose scraps or jammed paper in the machine?	Remove any jammed paper.	9-14
2 or more sheets are overlaps when ejected. (multi feed) 	—	Load the paper correctly.	2-12

Symptom	Checkpoints	Corrective Actions	Reference Page
Printouts are wrinkled. 	Is the paper damp?	Replace the paper with new paper.	2-5
Printouts are curled. 	Is the paper damp?	Replace the paper with new paper.	2-5
Text is missing on the Windows test page.	—	This is a problem specific to the Windows OS. It is not a machine problem. It does not affect print quality.	—
Printouts have dropouts or stray dots. 	Check the **Drum charge setting** in the Maintenance Menu.	Increase the adjustment value for the **Drum charge setting** in the Maintenance Menu.	8-8
	—	Run **Drum refresh** in the Maintenance Menu.	8-8
	—	The drum or developer unit may be damaged. If the problem is not solved even after printing several pages, call for service.	—
Printouts have vertical streaks 	Is the slit glass cover dirty?	Clean the slit glass cover.	8-6
	—	The drum unit may be damaged. If the problem is not solved even after printing several pages, call for service.	—
Faint or blurred printing. 	Check the toner container.	If necessary, replace the toner container.	8-2
	Check the **Print density** setting in KYOCERA Client Tool.	Increase the adjustment value for the **Print density** setting in KYOCERA Client Tool.	2-50
	Check the **Drum charge setting** in the Maintenance Menu.	Decrease the adjustment value for the **Drum charge setting** in the Maintenance Menu.	8-8

Symptom	Checkpoints	Corrective Actions	Reference Page
The altitude is 1500 m or higher and printouts are too light. 	Check the **Altitude Setting** in the Maintenance Menu.	Set the **Altitude Setting** in the Maintenance Menu to **1**. If there is still no improvement, change the value to **2**.	8-8
Gray background. 	Check the toner container.	If necessary, replace the toner container.	8-2
	Check the **Drum charge setting** in the Maintenance Menu.	Increase the adjustment value for the **Drum charge setting** in the Maintenance Menu.	8-8
	—	Run **Drum refresh** in the Maintenance Menu.	8-8
	Check the **Print density** setting in KYOCERA Client Tool.	Decrease the adjustment value for the **Print density** setting in KYOCERA Client Tool.	2-50
Dirt on the top edge or back of the paper. 	Check the **Drum charge setting** in the Maintenance Menu.	Increase the adjustment value for the **Drum charge setting** in the Maintenance Menu.	8-8
	Is the interior of the machine dirty?	If the problem is not solved even after printing several pages, clean the rollers, conveying unit and paper feed unit. If the problem is not solved after cleaning, call for service.	8-6
The previous image remains and lightly printed on the prepunched paper. 	Check the **Drum charge setting** in the Maintenance Menu.	Increase the adjustment value for the **Drum charge setting** in the Maintenance Menu. Increase the adjustment value 1 level at a time from the current value. If there is no improvement after the value is increased by 1 level, increase by 1 level again. If there is still no improvement, return the setting to the original value.	8-8
Gray background with horizontal streaks near the top edge. 	Check the **Drum charge setting** in the Maintenance Menu.	Increase the adjustment value for the **Drum charge setting** in the Maintenance Menu.	8-8

Symptom	Checkpoints	Corrective Actions	Reference Page
Copies have a moire pattern (dots grouped together in patterns and not aligned uniformly). 	Is the original a printed photograph?	Set the image quality to **Photo**.	2-34
Texts are not clearly printed. 	Did you choose appropriate image quality for the original?	Select appropriate image quality.	2-34
Images are skewed.	Are the originals placed correctly?	When placing originals on the platen, align them with the original size indicator plates.	2-18
	Is the paper loaded correctly?	Check the position of the paper width guides.	2-13
	Are the application software settings at the PC set properly?	Check that the printing settings are correct in the application software and the printer driver.	—
Cannot scan.	Check the interface cable.	Connect both ends of the interface cable securely. Try replacing the interface cable.	2-2
	Is the save location correctly specified?	Check the path to the folder where the scanned image will be saved.	2-45
Cannot send fax.	Is the modular cord connected correctly?	Connect the modular cord correctly.	2-3
	Has a communication error occurred?	Check error codes in the FAX TX/RX Result or Outgoing/Incoming FAX Report. If the error code starts with "U" or "E", perform the corresponding procedure.	9-12
	Is the destination FAX line busy?	Send again.	—
	Does the destination FAX machine respond?	Send again.	—
	Is there an error other than above?	Contact your service representative.	—
Cannot perform broadcast transmission.	Is free space available in the memory?	Receive after the memory has free space, or create free space in the memory.	—
No print output after reception.	Is memory forwarding activated?	Check the forwarding destination.	7-28

Symptom	Checkpoints	Corrective Actions	Reference Page
Cannot receive faxes.	Is the modular cord connected correctly?	Connect the modular cord correctly.	2-3
	Has a communication error occurred?	Check error codes in the FAX TX/RX Result or Outgoing/Incoming FAX Report. If the error code starts with "U", perform the corresponding procedure.	9-12
	Is RX (reception) restriction activated?	Cancel the RX restriction.	7-34
	Is the reception mode correct?	Check the reception mode.	7-27
Cannot perform memory reception.	Is free space available in the memory?	Receive after the memory has free space, or create free space in the memory.	—
Cannot perform memory forwarding.	Is memory forwarding set to On?	Check the memory forwarding setting.	7-28

Tips

Machine problems may be solved easily by following the tips below. When you have encountered a problem that cannot be solved following the guidelines above, try the following:

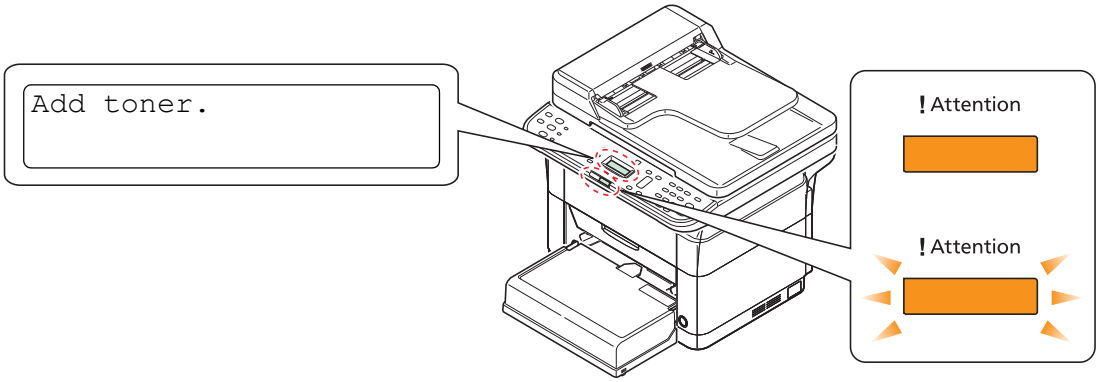
- Restart the computer you are using to send print jobs to the machine.
- Obtain and use the latest version of the printer driver. The latest versions of printer drivers and utilities are available at: http://www.kyoceradocumentsolutions.com.
- Make sure that the procedures for printing are correctly followed in the application software. Consult the documentation supplied with the application software.

Error Messages

If a problem has occurred in the machine, you will be notified by the following display.

- The **Attention** indicator on the operation panel is lit or flashing.
- An error message appears in the message display of the machine's operation panel.
- KYOCERA Client Tool and Status Monitor will show the status of the machine.

If the **Attention** indicator is lit or flashing and an error message appears in the message display of the machine's operation panel, check the KYOCERA Client Tool or Status Monitor.



Note If the indicators light or flash repeatedly in manners not described above, a service error has probably occurred. Switch off the power switch, unplug the power cord, and then plug the power cord back in and switch on the power switch. This may clear the error. Even if the error is not cleared, contact your service representative.

When a FAX communication error occurs, an RX/TX Result Report is printed along with the error message that is displayed. Check the error code that is indicated on the RX/TX Result Report, and refer to *FAX Error Code List* on page *9-12* for information on the error. For printing of RX/TX Result Reports, refer to *Report* on page *7-25*.

Problems that can be resolved by the user are described below.

Message Display	Message displayed in KYOCERA Client Tool and Status Monitor*	Meaning	Remedy
`Add toner.`	**Add toner**	The toner has run out.	Replace with a new toner container.
`Call service.`	**Error has occurred**	An error has occurred in the machine.	Make a note of the error code displayed on the message display, and contact your service representative.
`Cannot combine pages.`	—	The machine cannot run this program due to unusable original size is registered in the program.	Change the program settings.
`Cannot feed paper.`	**Add paper**	A paper jam has occurred in the cassette.	Refer to *Clearing Paper Jams* on page *9-14* and remove the jammed paper.
		There is no paper in the paper source.	Load paper into the paper source.
		The paper size and media type settings selected at the time of faxing are different from KYOCERA Client Tool settings.	Check the paper size and media type settings.

Message Display	Message displayed in KYOCERA Client Tool and Status Monitor*	Meaning	Remedy
Close the cover.	**Cover open**	The rear cover or front cover is open.	Close the rear cover or front cover.
Close the cover. Press OK key.	**Paper jam**	The document processor cover is open.	Close the document processor cover and then press **[OK]**.
Error. Power off.	**Error has occurred**	Internal error has occurred.	Turn the power OFF and then ON.
FAX memory is full.	**Memory full**	Fax transmission is not possible due to insufficient memory.	Press **[OK]** and the job will be canceled.
		Fax reception is not possible due to insufficient memory.	Press **[OK]** to clear the error. Only the received pages are printed and then the machine tries to receive the remaining pages.
Incorrect unlock code.	—	The entered Administrator ID is not correct.	Enter the correct Administrator ID. Refer to *Administrator ID* on page *6-6*.
Load paper.	**Add paper**	The paper size in the paper source is different from the printer driver or KYOCERA Client Tool setting.	Load the proper size of paper in the paper source.
Maximum Number of scanned pages.	**Error has occurred**	The number of scanned pages exceeds the maximum number.	The maximum number of scanned original pages is 99. Only the scanned pages are available. Press **[OK]** and the job will be canceled.
Memory is full.	**Memory overflow**	Unable to continue the job as the memory is used up.	Change the print resolution from Fast 1200 to 600 dpi. Refer to *Printer Driver User Guide*.
Non-genuine Toner.	**Non-genuine toner is installed**	The installed toner container is non-genuine.	The manufacturer assumes no responsibility for damage caused by a non-genuine toner. We recommend that you only use genuine toner containers. When you want to use the toner container currently installed, press **[OK]** and **[Stop/Reset]** simultaneously for 3 seconds or more.
Paper Jam. (DP)	**Paper jam**	A paper jam has occurred in the document processor.	Refer to *Clearing Paper Jams* on page *9-14* and remove the jammed paper.
PaperJam. (RearCover)	**Paper jam**	A paper jam has occurred.	Refer to *Clearing Paper Jams* on page *9-14* and remove the jammed paper.
Place original and press Start key.	**Add paper**	—	Place the original in the document processor again and press **[Start]**.

Message Display	Message displayed in KYOCERA Client Tool and Status Monitor*	Meaning	Remedy
Remove original in document processor.	**Error has occurred**	An original remains in the document processor.	Remove originals from the document processor, put them back in their original order, and place them again. Press **[OK]** to resume printing. Press **[Stop/Reset]** to cancel the job.
Remove the paper from the inner tray.	**Inner tray full**	The inner tray is full of paper.	The machine pauses after 100 sheets are printed. Remove paper from the inner tray and press **[OK]** to resume printing.
Replace MK.	**Replacing the Maintenance Kit**	Replacement of the maintenance kit is necessary at every 100,000 images of printing.	Replace Maintenance Kit.
Scanner memory is full.	**Memory full**	Scanning cannot be performed due to insufficient memory of scanner.	Only the scanned pages are available. Press **[OK]** and the job will be canceled.
Scheduled sending jobs exceeded.	**Error has occurred**	The number of the scheduled transmission jobs has exceeded the limit.	Wait until the scheduled transmission is executed, or cancel the scheduled transmission and then perform the job again.
Set paper in MF tray and press OK key.	**Add paper**	Paper is not set in the Manual Feed tray.	Load paper into the Manual Feed tray and press **[OK]** to begin printing.
Toner is running out.	**Toner is running out.**	It is almost time to replace the toner container.	Obtain a new toner container.
Unknown toner installed.PC	**Error has occurred**	The installed toner container's regional specification does not match the machine's.	Install the specified toner container.
USB cable was disconnected.	—	The USB cable is not connected.	Press **[OK]** and connect the USB cable.
		The PC is powered off.	Press **[OK]** and turn the PC power on.
		Cannot find KYOCERA Client Tool.	Press **[OK]** and open KYOCERA Client Tool.
—	**Not connected.**	The USB cable is not connected.	Connect the USB cable.
		The network cable is not connected.	Connect the network cable.
		The machine is powered off.	Turn the machine power on.
		Cannot find the appropriate driver.	Install the appropriate driver.

Message Display	Message displayed in KYOCERA Client Tool and Status Monitor*	Meaning	Remedy
—	**Limited availability for jobs**	Unusable Time is in effect.	To use the machine temporarily during Unusable Time, enter the unlock code. For details, refer to *Unusable Time* on page *7-35*.

* Events for which the Status Monitor provides notification can be set in the Configuration. Refer to *Configuration* on page *2-48*.

FAX Error Code List

When a FAX communication error occurs, one of the following error codes is recorded in the FAX TX/RX Result or Outgoing/Incoming FAX Report.

Note "U" or "E" will appear in the error code depending on the communication speed setting.

Error Code	Possible Cause/Action
Busy	Failed to establish connection with the recipient despite auto redialing the preset number of times. Send again.
CANCELED	Transmission was canceled due to an action to cancel transmission. Reception was canceled due to an action to cancel reception.
U00300	Paper depletion occurred at the recipient machine. Check with the recipient.
U00430 - U00462	Reception was canceled because of mismatching of communication features with the sender machine although the line connection was established.
U00601 - U00690	Communication was stopped due to the machine failure. Send or receive again.
U00700	Communication was stopped due to failure on the part of the sender or recipient machine.
U00800 - U00811	Page(s) not sent correctly. Send again. If you still have trouble, reduce TX Start Speed and send again. **Note** If the communication error occurs frequently, change the default setting of TX Start Speed in System Menu.
U00900 - U00910	Page(s) not received correctly. Ask the sender to resend. **Note** If the communication error occurs frequently, change the default setting of RX Start Speed in System Menu.
U01000 - U01097	Communication error occurred during transmission. Send again. If you still have trouble, reduce TX Start Speed and send again. **Note** If the communication error occurs frequently, change the default setting of TX Start Speed in System Menu.
U01100 - U01196	Communication error occurred during reception. Ask the sender to resend. **Note** If the communication error occurs frequently, change the default setting of RX Start Speed in System Menu.
U01400	Failed to establish communication with the sender or recipient machine because dialing registered for a push line system was used in a pulse line system.
U01500	Communication error occurred during high-speed transmission. Send again. If you still have trouble, reduce TX Start Speed and send again. **Note** If the communication error occurs frequently, change the default setting of TX Start Speed in System Menu.
U01600	Communication error occurred during reception of high-speed transmission. Ask the sender to reduce the transmission speed and send again. **Note** If the communication error occurs frequently, change the default setting of RX Start Speed in System Menu.
U01700 - U01720	Communication error occurred during high-speed transmission. Send again. If you still have trouble, reduce TX Start Speed and send again. **Note** If the communication error occurs frequently, change the default setting of TX Start Speed in System Menu.

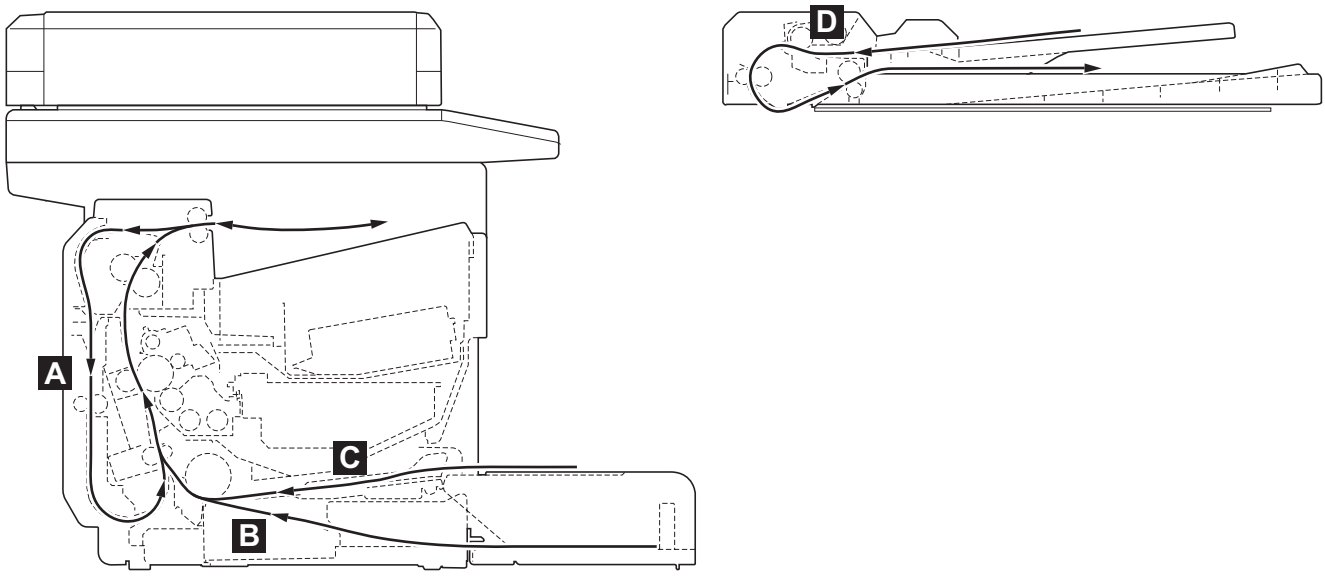
Error Code	Possible Cause/Action
U01721	Communication error occurred during high-speed transmission. Designated transmission speed may not be available for the recipient machine. Reduce the transmission start speed and send again.
U01800 - U01820	Communication error occurred during reception of high-speed transmission. Ask the sender to reduce the transmission speed and send again. **Note** If the communication error occurs frequently, change the default setting of RX Start Speed in System Menu.
U01821	Communication error occurred during reception of high-speed transmission. Designated transmission speed may not be available for this machine. Ask the sender to reduce the transmission speed and send again. **Note** If the communication error occurs frequently, change the default setting of RX Start Speed in System Menu.
U05200	Reception was canceled because communication requirements are not met due to the reception restriction set on this machine.
U05300	Reception was rejected by the recipient because communication requirements are not met due to the reception restriction set on the recipient machine. Check with the recipient.
U19000	Memory reception was stopped because there is no more free space in the memory of this machine. Create free space by outputting the data stored in the memory, and ask the sender to resend.
U19100	Transmission was stopped because there is no more free space in the memory of the recipient machine. Check with the recipient.

Clearing Paper Jams

If paper jams in the paper transport system, or no paper sheets are fed at all, the machine automatically goes offline, and the **Attention** indicator will flash. KYOCERA Client Tool can indicate the location of the paper jam (the component where the paper jam has occurred). Remove the paper jam. After removing the paper jam, the machine will resume printing.

Possible Paper Jam Locations

Detailed paper jam positions are as follows. Refer to the indicated page number to remove the paper jam.



Paper Jam Locations	Error Message	Message displayed in KYOCERA Client Tool and Status Monitor	Description	Reference page
A	PaperJam. (RearCover)	**Paper jam**	A paper jam has occurred in the rear cover.	9-15, 9-16
B	Cannot feed paper.*	**Add paper**	A paper jam has occurred in the cassette.	9-17, 9-18
C			A paper jam has occurred in the Manual Feed tray.	9-19
D	Paper Jam. (DP)	**Paper jam**	A paper jam has occurred in the document processor.	9-20

* Cannot feed paper. also appears when the paper has run out. In this case, add paper. Refer to *Loading Paper* on page *2-5*.

General Considerations for Clearing Jams

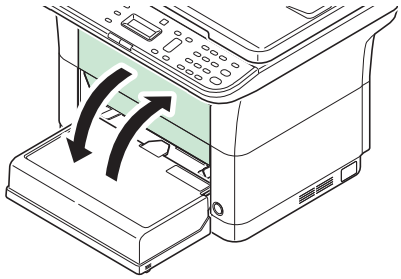
Bear in mind the following considerations when attempting paper jam removal:

CAUTION When removing a paper jam, pull the paper gently so as not to tear it. Torn pieces of paper are difficult to remove and may be easily overlooked, deterring the paper jam recovery.

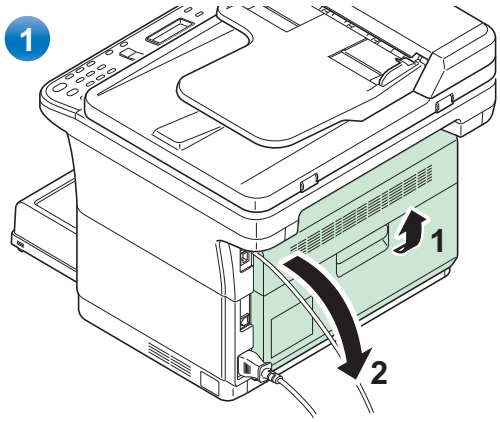
- If paper jams occur frequently, try using a different type of paper, replace the paper with paper from another ream, or flip the paper stack over. The machine may have problems if paper jams recur after the paper is replaced.
- Whether or not the jammed pages are reproduced normally after printing is resumed, depends on the location of the paper jam.

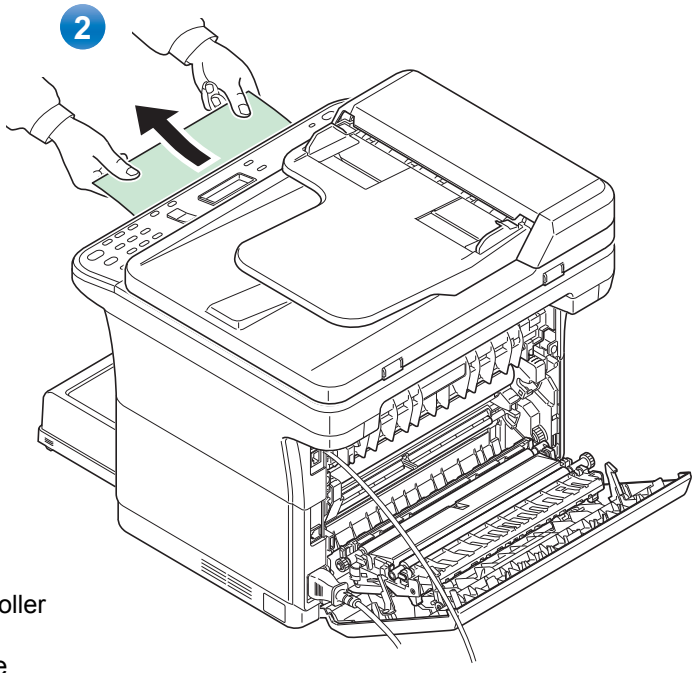
Rear Cover

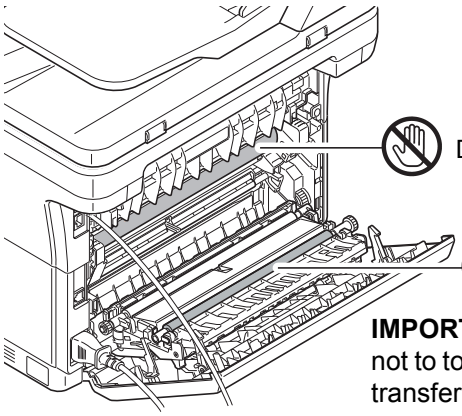
Follow the steps below to clear paper jams inside the rear cover.



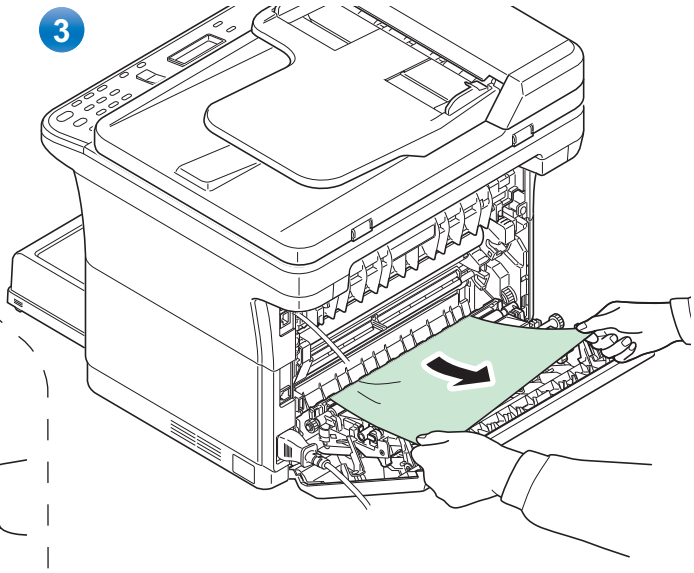
Note When the front cover is opened or closed, the paper inside the machine may be discharged.



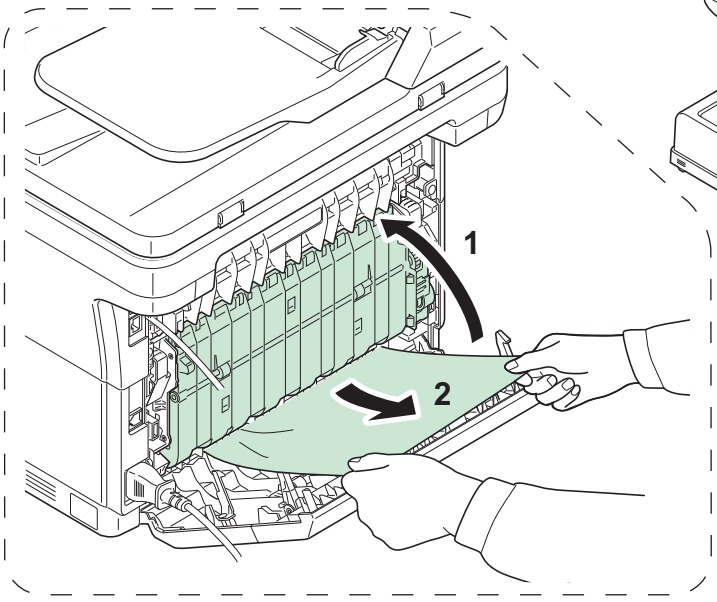


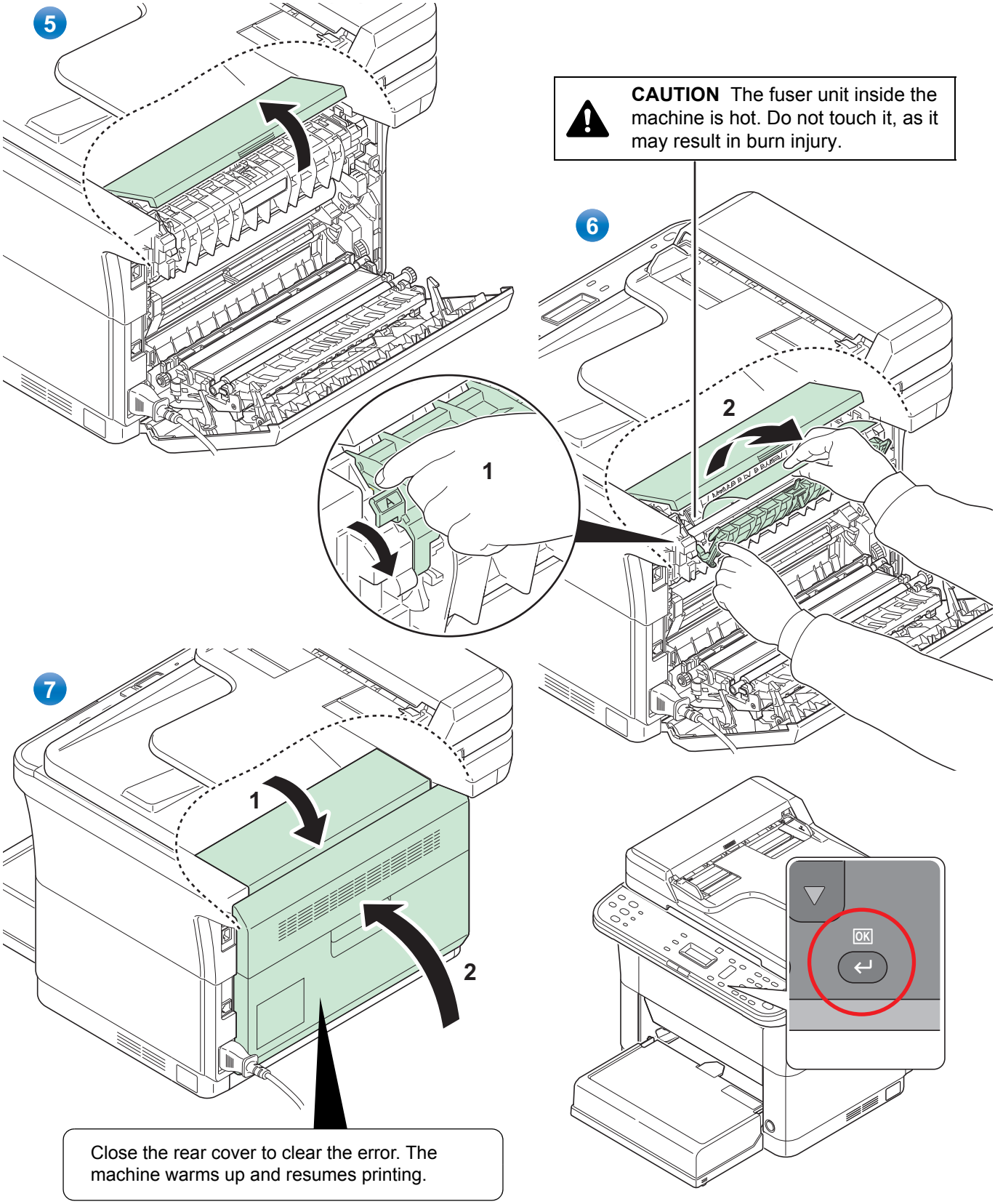


IMPORTANT Take care not to touch the drum and transfer roller (black).



4 (FS-1025MFP, FS-1125MFP and FS-1325MFP)





CAUTION The fuser unit inside the machine is hot. Do not touch it, as it may result in burn injury.

Close the rear cover to clear the error. The machine warms up and resumes printing.

Note Close the top cover first and then close the rear cover.

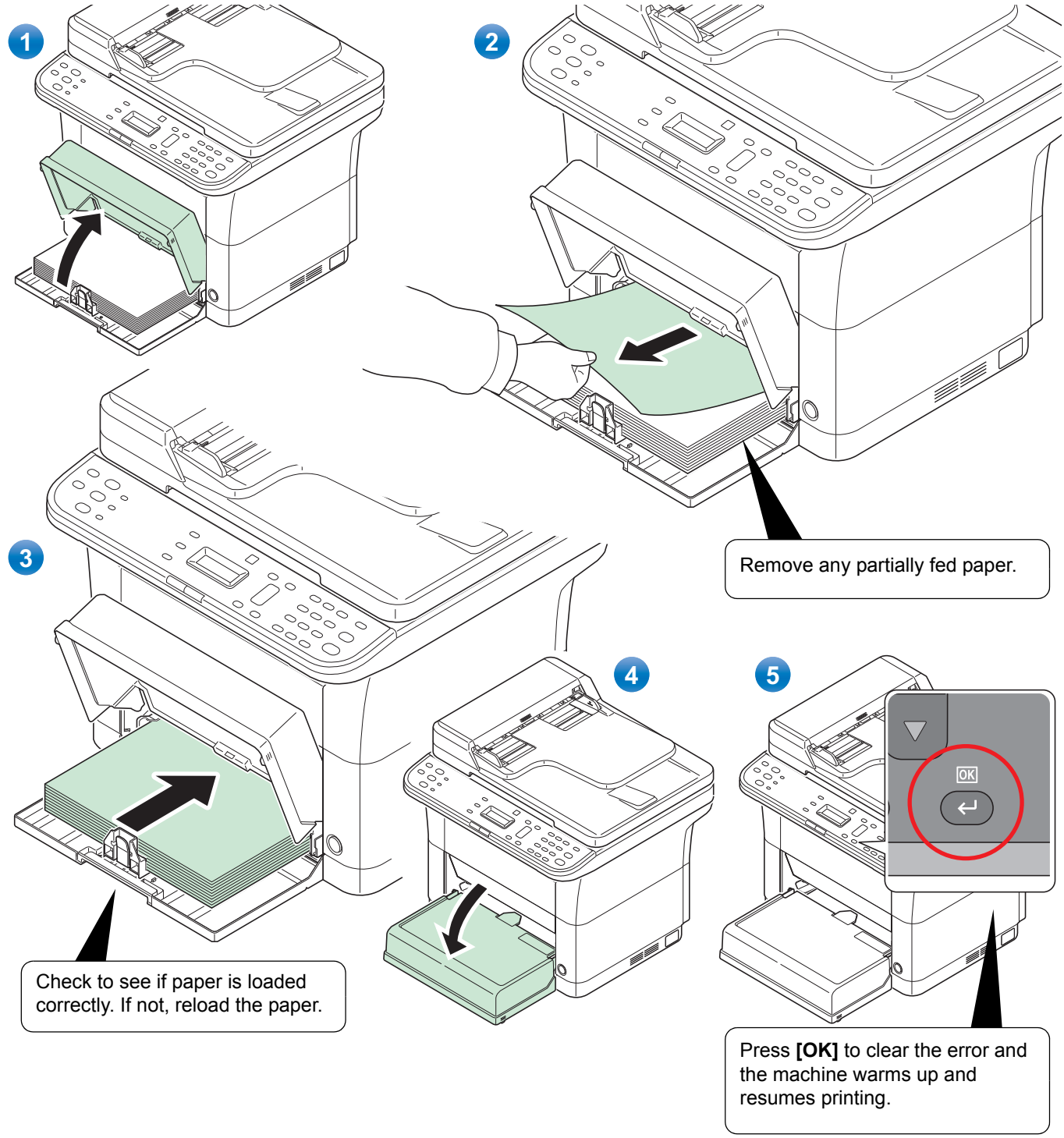
Note When printing by manual feeding, press **[OK]**.

Cassette

Follow the steps below to clear paper jams in the cassette.

IMPORTANT Do not try to remove paper that has already been partially fed. Refer to *Rear Cover* on page *9-15*.

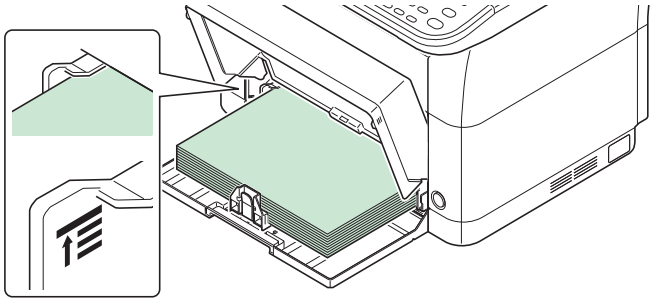
Note Do not open or close the front cover or rear cover before removing the jammed paper.


1
2
Remove any partially fed paper.
3
Check to see if paper is loaded correctly. If not, reload the paper.
4
5
OK
Press [OK] to clear the error and the machine warms up and resumes printing.

If paper feed failure occurs

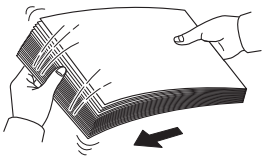
Check on and reduction of number of paper sheets loaded

If an excessive amount of thick paper is loaded in the cassette, it may not be fed. In that case, reduce the number of sheets to be loaded.

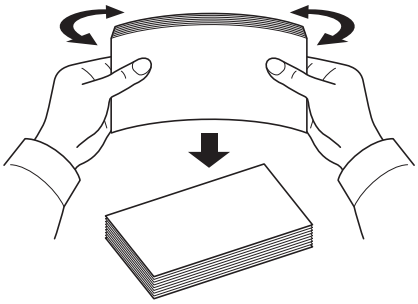


Edge fanning and curl straightening

Remove all the even pages (including the instruction sheet) from the inner tray, fan through the sheets to separate them prior to loading.

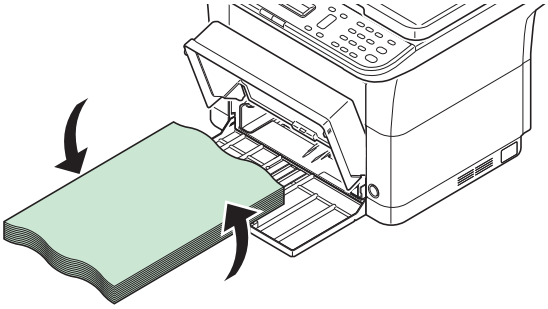


If the paper is curled at an edge, straighten it prior to reloading.



No paper feed due to wavy paper edge

When the paper feed fails because the edge of the paper is wavy, turn it upside down and load it again.

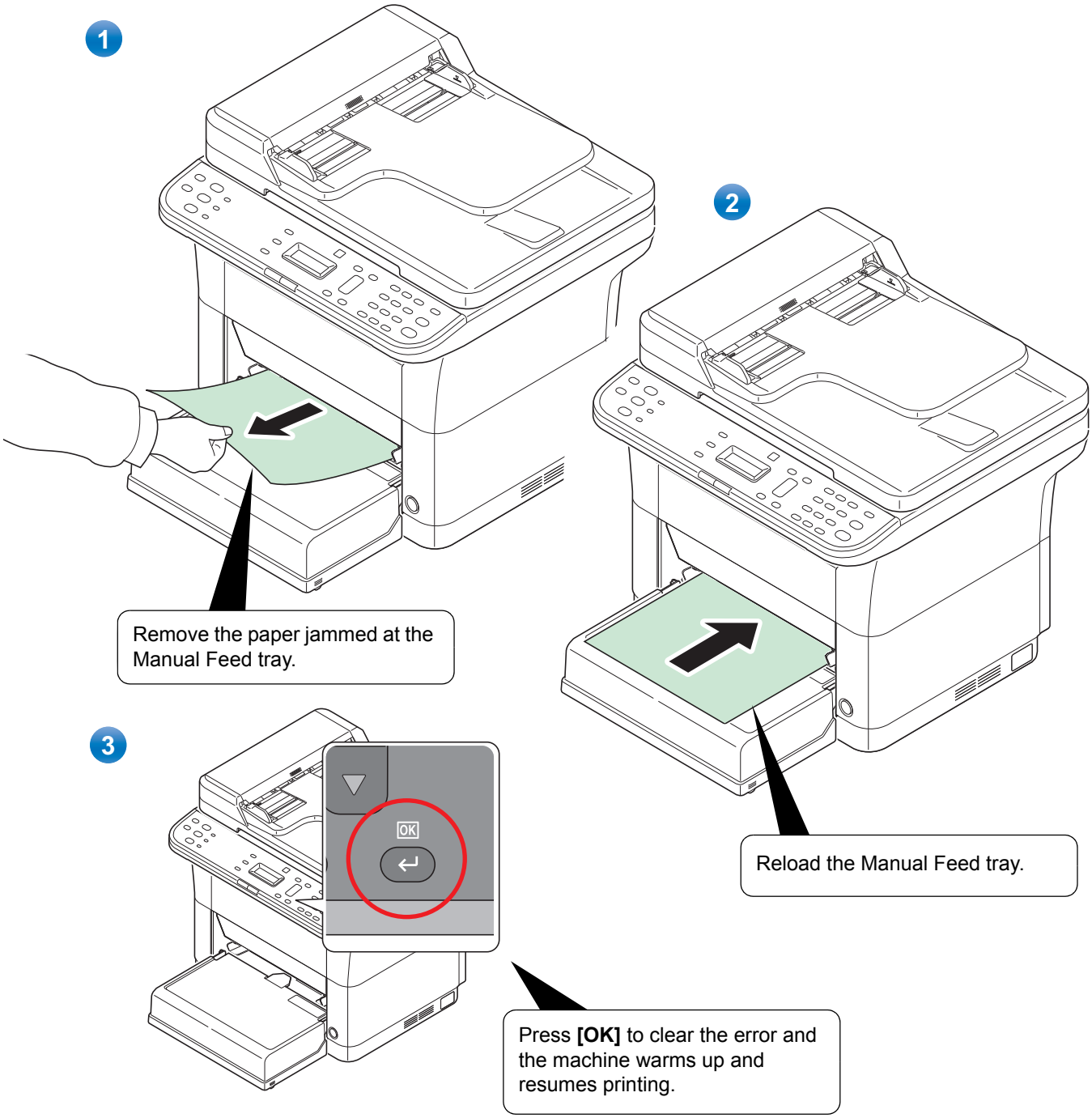


Manual Feed Tray (FS-1025MFP, FS-1125MFP and FS-1325MFP)

Follow the steps below to clear paper jams in the Manual Feed tray.

IMPORTANT Do not try to remove paper that has already been partially fed. Refer to *Rear Cover* on page *9-15*.

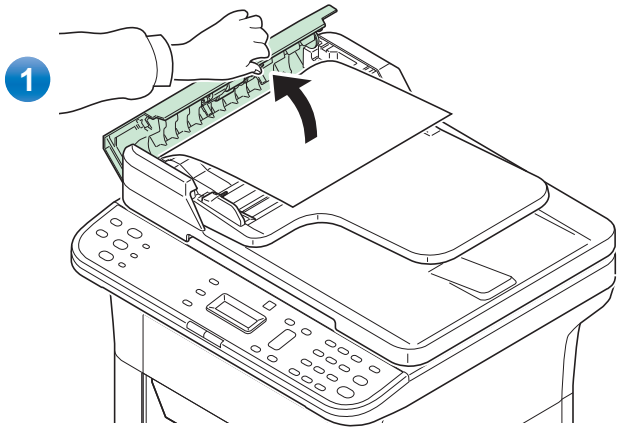
Note Do not open or close the front cover or rear cover before removing the jammed paper.

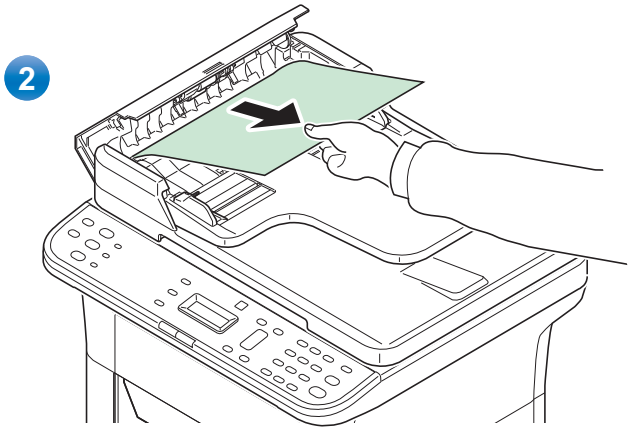

1
Remove the paper jammed at the Manual Feed tray.
2
Reload the Manual Feed tray.
3
OK
Press [OK] to clear the error and the machine warms up and resumes printing.

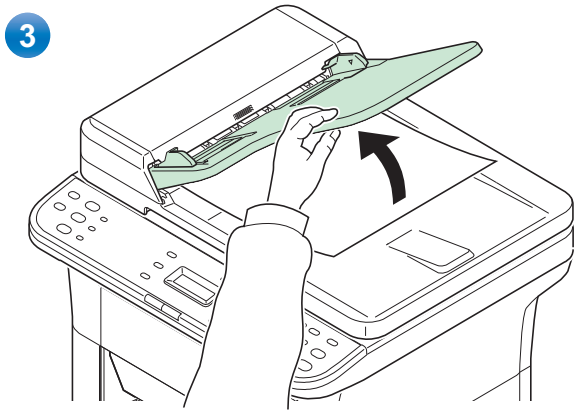
Document Processor

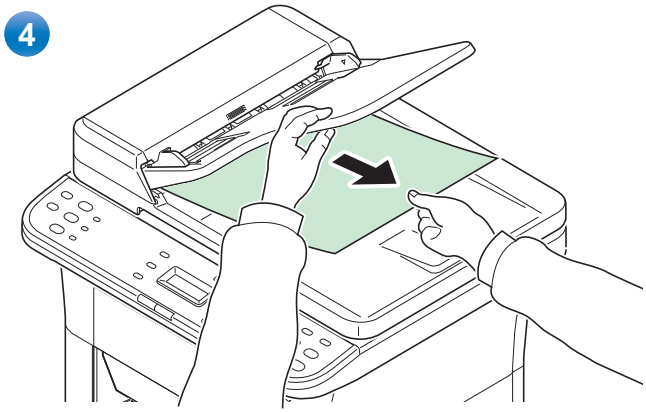
Follow the steps below to clear paper jams in the document processor.

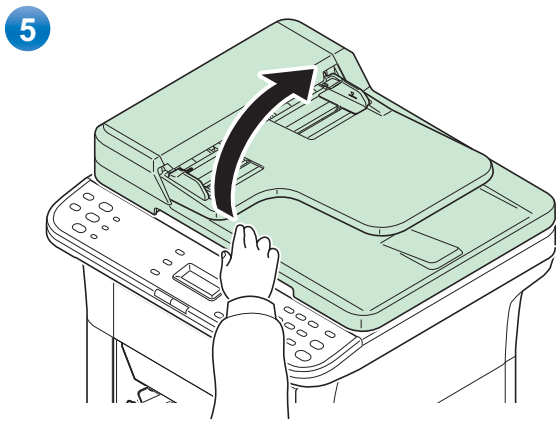
Note Do not open or close the front cover or rear cover before removing the jammed paper.

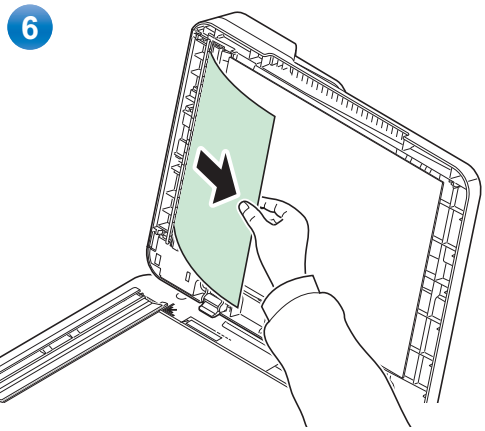












10 Appendix

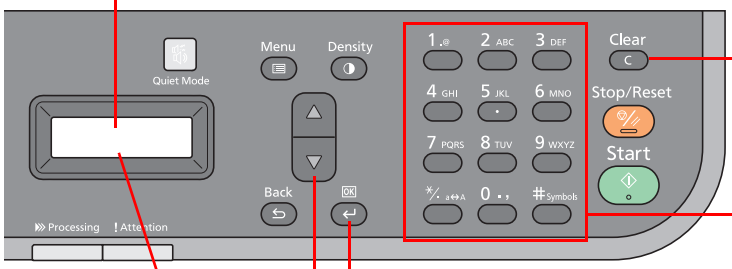
This chapter explains the following topics:

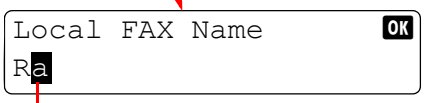
Character Entry Method 10-2
Specifications 10-5

Character Entry Method

Use the procedure below to enter characters.

Keys Used





Message Display	Displays the characters that have been entered.
[Clear] key	Deletes entered characters.
Numeric Keys	Use to enter characters and symbols.
[OK] key	Use to complete input. When entering a symbol, use to enter the selected symbol.
[▲] key	Moves the cursor to the left.
[▼] key	Moves the cursor to the right. Also used to enter a space.

Note It is not possible to move the cursor when entering numbers.

Cursor	A character is entered in the position marked by the cursor.

Characters that can be entered with the Numeric Keys

The characters shown below can be entered with the numeric keys.

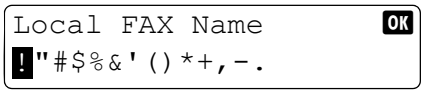
Keys	Entered character (changes to the next character on the right each time the key is pressed)							
1 .@	.	@	-	_	/	:	~	1 (Repeats from the first character on the left)
	1 (During number entry)							
2 ABC	a	b	c	A	B	C	2	(Repeats from the first character on the left)
	2 (During number entry)							
3 DEF	d	e	f	D	E	F	3	(Repeats from the first character on the left)
	3 (During number entry)							
4 GHI	g	h	i	G	H	I	4	(Repeats from the first character on the left)
	4 (During number entry)							
5 JKL	j	k	l	J	K	L	5	(Repeats from the first character on the left)
	5 (During number entry)							
6 MNO	m	n	o	M	N	O	6	(Repeats from the first character on the left)
	6 (During number entry)							

Keys	Entered character (changes to the next character on the right each time the key is pressed)														
7 PQRS	p	q	r	s	P	Q	R	S	7	(Repeats from the first character on the left)					
	7 (During number entry)														
8 TUV	t	u	v	T	U	V	8	(Repeats from the first character on the left)							
	8 (During number entry)														
9 WXYZ	w	x	y	z	W	X	Y	Z	9	(Repeats from the first character on the left)					
	9 (During number entry)														
0 .,	.	,	-	_	'	!	?	(space)	0	(Repeats from the first character on the left)					
	0 (During number entry)														
*⁄. a↔A	Switches the character marked by the cursor between upper case and lower case.														
	[*] or [.] (During number entry)														
# Symbols	!	"	#	$	%	&	'	(	)	*	+	,	-	.	Displays the symbol list. For details, refer to *Entering Symbols* on page *10-3*.
	/	:	;	<	=	>	?	@	[	\	]	^	_	`	
	{	|	}	~											
	# (During number entry)														

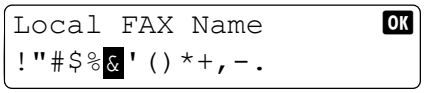
Entering Symbols

Symbols can be entered.

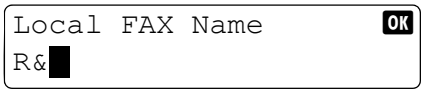
1 Press **[#]**. Displays the symbol list.



2 Press **[▲]** or **[▼]** to move the cursor and select the symbol to be entered.



3 Press **[OK]**. The selected symbol is entered.

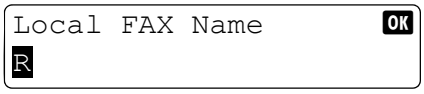


Entering Characters

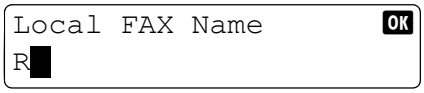
Follow the steps below to enter 'R&D' for an example.

1 Press **[7]**. 'r' is entered.

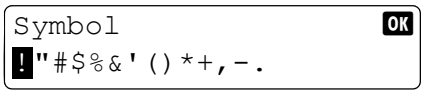
2 Press **[*/.]**. 'r' changes to 'R'.



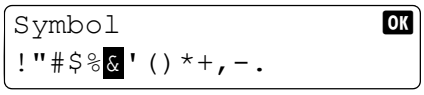
3 Press **[▼]**. The cursor moves to the right.



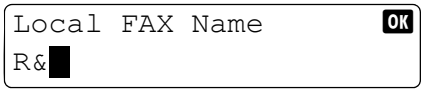
4 Press **[#]**. Displays the symbol list.



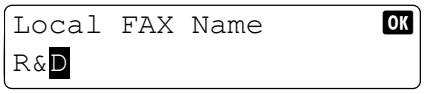
5 Press **[▲]** or **[▼]** to move the cursor and select '&'.



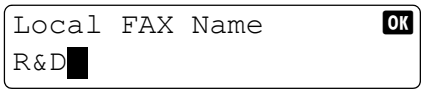
6 Press **[OK]**. '&' is entered.



7 Press **[3]** four times. 'D' is entered.



8 Press **[▼]**.



Specifications

Note These specifications are subject to change without notice.

Common Functions

Item		Description		
		FS-1120MFP/ FS-1320MFP	**FS-1025MFP**	**FS-1125MFP/ FS-1325MFP**
Type		Desktop		
Printing Method		Electrophotography by semiconductor laser		
Paper Weight	Cassette	60 to 220 g/m²		
	Manual Feed Tray*	—	60 to 220 g/m²	
Paper Type		Plain, Preprinted, Labels, Bond, Recycled, Vellum, Rough, Letterhead, Color, Prepunched, Envelope, Cardstock, Thick paper, High Quality, Custom 1 to 8		
Warm-up Time (22°C/71.6°F, 60%RH)	Power on	28 seconds or less	23 seconds or less	28 seconds or less
	Sleep	12 seconds or less	14 seconds or less	
Paper Capacity	Cassette	250 sheets (80 g/m²)		
	Manual Feed Tray*	—	1 sheet	
Inner Tray Capacity	Standard paper	100 sheets (80 g/m²) (The machine pauses after 100 sheets are printed.)		
	Special paper	1 sheet		
Continuous Copying		1 to 99 sheets		
Image Write System		Semiconductor laser and electrophotography		
Memory		ROM: 32 MB / RAM: 64 MB		
Interface		USB Interface Connector: 1 (Hi-Speed USB)	USB Interface Connector: 1 (Hi-Speed USB) Network Interface: 1 (10 BASE-T/100 BASE-TX [TCP/IP, WSD]) <This unit does not support the NetBEUI.>	
Operating Environment	Temperature	10 to 32.5°C/50 to 90.5°F		
	Humidity	15 to 80%		
	Altitude	3,500 m/11,482.8 ft maximum		
	Brightness	1,500 lux maximum		
Dimension (W × D × H)		390 × 361 × 362 mm 15-3/8 × 14-3/16 × 14-1/4"		
Weight (with toner container)		9.7 kg/21.34 lb	10.0 kg/22 lb	10.1 kg/22.22 lb
Space Required (W × D)		424 × 645 mm 16-11/16 × 25-3/8"	424 × 630 mm 16-11/16 × 24-13/16"	
Power Requirements		230 V Specification Model: 220 to 240 V (50 Hz/60 Hz, 3.1 A) 120 V Specification Model:120 V (60 Hz, 6.0 A)		

* The Manual Feed tray is only provided on the FS-1025MFP, FS-1125MFP and FS-1325MFP.

Copy Functions

Item		Description		
		FS-1120MFP/FS-1320MFP	**FS-1025MFP**	**FS-1125MFP/ FS-1325MFP**
Paper Size	Cassette	A4, A5, A6, Folio, JIS B5, ISO B5, Letter, Legal, Statement, Executive, Oficio II (216 × 340 mm, 8-1/2 × 13 inches), 216 × 340 mm, 16 K, Custom (70 × 148 to 216 × 356 mm, 2-3/4 × 5-13/16 to 8-1/2 × 14 inches)		
	Manual Feed Tray*	—	A4, A5, A6, Folio, JIS B5, ISO B5, Letter, Legal, Statement, Executive, Oficio II (216 × 340 mm, 8-1/2 × 13 inches), 216 × 340 mm, 16 K, Custom (70 × 148 to 216 × 356 mm, 2-3/4 × 5-13/16 to 8-1/2 × 14 inches)	
Copying Speed (feed from cassette) (images/min) (300 × 300 dpi)	When not using the document processor			
	A4	Light (63 g/m² or less): 20 Normal 1 (64 to 69 g/m²): 20 Normal 2 (3) (70 to 105 g/m²): 20	Light (63 g/m² or less): 25 Normal 1 (64 to 69 g/m²): 25 Normal 2 (3) (70 to 105 g/m²): 25	
	A4 (Quiet Mode)	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15 Heavy 1 (106 to 135 g/m²): 14 Heavy 2 (3) (136 to 220 g/m²): 13	Light (63 g/m² or less): 18 Normal 1 (64 to 69 g/m²): 18 Normal 2 (3) (70 to 105 g/m²): 18 Heavy 1 (106 to 135 g/m²): 17 Heavy 2 (3) (136 to 220 g/m²): 16	
	Letter	Light (63 g/m² or less): 21 Normal 1 (64 to 69 g/m²): 21 Normal 2 (3) (70 to 105 g/m²): 21	Light (63 g/m² or less): 26 Normal 1 (64 to 69 g/m²): 26 Normal 2 (3) (70 to 105 g/m²): 26	
	Letter (Quiet Mode)	Light (63 g/m² or less): 16 Normal 1 (64 to 69 g/m²): 16 Normal 2 (3) (70 to 105 g/m²): 16 Heavy 1 (106 to 135 g/m²): 14 Heavy 2 (3) (136 to 220 g/m²):13	Light (63 g/m² or less): 19 Normal 1 (64 to 69 g/m²): 19 Normal 2 (3) (70 to 105 g/m²): 19 Heavy 1 (106 to 135 g/m²): 17 Heavy 2 (3) (136 to 220 g/m²):16	
	A5/B5/A6 (Quiet Mode)	Light (63 g/m² or less): 12 Normal 1 (64 to 69 g/m²): 12 Normal 2 (3) (70 to 105 g/m²): 12 Heavy 1 (106 to 135 g/m²): 10 Heavy 2 (3) (136 to 220 g/m²): 9	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15 Heavy 1 (106 to 135 g/m²): 13 Heavy 2 (3) (136 to 220 g/m²): 12	
	A5/B5/A6 (from 11th image) (Quiet Mode)	Light (63 g/m² or less): 10 Normal 1 (64 to 69 g/m²): 10 Normal 2 (3) (70 to 105 g/m²): 10 Heavy 1 (106 to 135 g/m²): 8 Heavy 2 (3) (136 to 220 g/m²): 8	Light (63 g/m² or less): 12 Normal 1 (64 to 69 g/m²): 12 Normal 2 (3) (70 to 105 g/m²): 12 Heavy 1 (106 to 135 g/m²): 11 Heavy 2 (3) (136 to 220 g/m²): 10	
	When using the document processor			
	A4	Light (63 g/m² or less): 20 Normal 1 (64 to 69 g/m²): 20 Normal 2 (3) (70 to 105 g/m²): 20	Light (63 g/m² or less): 20 Normal 1 (64 to 69 g/m²): 20 Normal 2 (3) (70 to 105 g/m²): 20	

* The Manual Feed tray is only provided on the FS-1025MFP, FS-1125MFP and FS-1325MFP.

Item		Description		
		FS-1120MFP/FS-1320MFP	FS-1025MFP	FS-1125MFP/ FS-1325MFP
Copying Speed (feed from cassette) (images/min) (300 × 300 dpi)	A4 (Quiet Mode)	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15 Heavy 1 (106 to 135 g/m²): 14 Heavy 2 (3) (136 to 220 g/m²): 13	Light (63 g/m² or less): 18 Normal 1 (64 to 69 g/m²): 18 Normal 2 (3) (70 to 105 g/m²): 18 Heavy 1 (106 to 135 g/m²): 17 Heavy 2 (3) (136 to 220 g/m²): 16	
	Letter	Light (63 g/m² or less): 21 Normal 1 (64 to 69 g/m²): 21 Normal 2 (3) (70 to 105 g/m²): 21	Light (63 g/m² or less): 21 Normal 1 (64 to 69 g/m²): 21 Normal 2 (3) (70 to 105 g/m²): 21	
	Letter (Quiet Mode)	Light (63 g/m² or less): 16 Normal 1 (64 to 69 g/m²): 16 Normal 2 (3) (70 to 105 g/m²): 16 Heavy 1 (106 to 135 g/m²): 14 Heavy 2 (3) (136 to 220 g/m²):13	Light (63 g/m² or less): 19 Normal 1 (64 to 69 g/m²): 19 Normal 2 (3) (70 to 105 g/m²): 19 Heavy 1 (106 to 135 g/m²): 17 Heavy 2 (3) (136 to 220 g/m²):16	
	A5/B5/A6 (Quiet Mode)	Light (63 g/m² or less): 12 Normal 1 (64 to 69 g/m²): 12 Normal 2 (3) (70 to 105 g/m²): 12 Heavy 1 (106 to 135 g/m²): 10 Heavy 2 (3) (136 to 220 g/m²): 9	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15 Heavy 1 (106 to 135 g/m²): 13 Heavy 2 (3) (136 to 220 g/m²): 12	
	A5/B5/A6 (from 11th image) (Quiet Mode)	Light (63 g/m² or less): 10 Normal 1 (64 to 69 g/m²): 10 Normal 2 (3) (70 to 105 g/m²): 10 Heavy 1 (106 to 135 g/m²): 8 Heavy 2 (3) (136 to 220 g/m²): 8	Light (63 g/m² or less): 12 Normal 1 (64 to 69 g/m²): 12 Normal 2 (3) (70 to 105 g/m²): 12 Heavy 1 (106 to 135 g/m²): 11 Heavy 2 (3) (136 to 220 g/m²): 10	
	Legal	Light (63 g/m² or less): 13 Normal 1 (64 to 69 g/m²): 13 Normal 2 (3) (70 to 105 g/m²): 13	Light (63 g/m² or less): 16 Normal 1 (64 to 69 g/m²): 16 Normal 2 (3) (70 to 105 g/m²): 16	
	Legal (Quiet Mode)	Light (63 g/m² or less): 12 Normal 1 (64 to 69 g/m²): 12 Normal 2 (3) (70 to 105 g/m²): 12 Heavy 1 (106 to 135 g/m²): 11 Heavy 2 (3) (136 to 220 g/m²): 10	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15 Heavy 1 (106 to 135 g/m²): 13 Heavy 2 (3) (136 to 220 g/m²): 11	
First Print Time (A4, feed from cassette)	When not using the document processor	12 seconds or less	11 seconds or less	
	When using the document processor	14 seconds or less	13 seconds or less	
Zoom Level		25 to 400%, 1% increments		
Resolution		600 × 600 dpi		
Supported Original Types		Sheet, Book, 3-dimensional objects (maximum original size: A4/Letter)		
Original Feed System		Fixed		

Printer Functions

Item		Description		
		FS-1120MFP/FS-1320MFP	FS-1025MFP	FS-1125MFP/ FS-1325MFP
Paper Size	Cassette	A4, A5, A6, Folio, JIS B5, ISO B5, Letter, Legal, Statement, Executive, Envelope Monarch, Envelope #10, Envelope #9, Envelope #6-3/4, Envelope C5, Envelope DL, Oficio II (216 × 340 mm, 8-1/2 × 13 inches), 216 × 340 mm, 16 K, Custom (70 × 148 to 216 × 356 mm, 2-3/4 × 5-13/16 to 8-1/2 × 14 inches)		
	Manual Feed Tray*	—	A4, A5, A6, Folio, JIS B5, ISO B5, Letter, Legal, Statement, Executive, Envelope Monarch, Envelope #10, Envelope #9, Envelope #6-3/4, Envelope C5, Envelope DL, Oficio II (216 × 340 mm, 8-1/2 × 13 inches), 216 × 340 mm, 16 K, Custom (70 × 148 to 216 × 356 mm, 2-3/4 × 5-13/16 to 8-1/2 × 14 inches)	
Printing Speed (images/min)	A4	Light (63 g/m² or less): 20 Normal 1 (64 to 69 g/m²): 20 Normal 2 (3) (70 to 105 g/m²): 20	Light (63 g/m² or less): 25 Normal 1 (64 to 69 g/m²): 25 Normal 2 (3) (70 to 105 g/m²): 25	
	A4 (Quiet Mode)	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15 Heavy 1 (106 to 135 g/m²): 14 Heavy 2 (3) (136 to 220 g/m²): 13	Light (63 g/m² or less): 18 Normal 1 (64 to 69 g/m²): 18 Normal 2 (3) (70 to 105 g/m²): 18 Heavy 1 (106 to 135 g/m²): 17 Heavy 2 (3) (136 to 220 g/m²): 16	
	Letter	Light (63 g/m² or less): 21 Normal 1 (64 to 69 g/m²): 21 Normal 2 (3) (70 to 105 g/m²): 21	Light (63 g/m² or less): 26 Normal 1 (64 to 69 g/m²): 26 Normal 2 (3) (70 to 105 g/m²): 26	
	Letter (Quiet Mode)	Light (63 g/m² or less): 16 Normal 1 (64 to 69 g/m²): 16 Normal 2 (3) (70 to 105 g/m²): 16 Heavy 1 (106 to 135 g/m²): 14 Heavy 2 (3) (136 to 220 g/m²):13	Light (63 g/m² or less): 19 Normal 1 (64 to 69 g/m²): 19 Normal 2 (3) (70 to 105 g/m²): 19 Heavy 1 (106 to 135 g/m²): 17 Heavy 2 (3) (136 to 220 g/m²):16	
	A5/B5/A6 (Quiet Mode)	Light (63 g/m² or less): 12 Normal 1 (64 to 69 g/m²): 12 Normal 2 (3) (70 to 105 g/m²): 12 Heavy 1 (106 to 135 g/m²): 10 Heavy 2 (3) (136 to 220 g/m²): 9	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15 Heavy 1 (106 to 135 g/m²): 13 Heavy 2 (3) (136 to 220 g/m²): 12	
	A5/B5/A6 (from 11th image) (Quiet Mode)	Light (63 g/m² or less): 10 Normal 1 (64 to 69 g/m²): 10 Normal 2 (3) (70 to 105 g/m²): 10 Heavy 1 (106 to 135 g/m²): 8 Heavy 2 (3) (136 to 220 g/m²): 8	Light (63 g/m² or less): 12 Normal 1 (64 to 69 g/m²): 12 Normal 2 (3) (70 to 105 g/m²): 12 Heavy 1 (106 to 135 g/m²): 11 Heavy 2 (3) (136 to 220 g/m²): 10	
	Legal	Light (63 g/m² or less): 13 Normal 1 (64 to 69 g/m²): 13 Normal 2 (3) (70 to 105 g/m²): 13	Light (63 g/m² or less): 20 Normal 1 (64 to 69 g/m²): 20 Normal 2 (3) (70 to 105 g/m²): 20	

* The Manual Feed tray is only provided on the FS-1025MFP, FS-1125MFP and FS-1325MFP.

Item		Description		
		FS-1120MFP/FS-1320MFP	FS-1025MFP	FS-1125MFP/ FS-1325MFP
Printing Speed (images/min)	Legal (Quiet Mode)	Light (63 g/m² or less): 12 Normal 1 (64 to 69 g/m²): 12 Normal 2 (3) (70 to 105 g/m²): 12 Heavy 1 (106 to 135 g/m²): 11 Heavy 2 (3) (136 to 220 g/m²): 10	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15 Heavy 1 (106 to 135 g/m²): 13 Heavy 2 (3) (136 to 220 g/m²): 11	
Duplex Printing Speed* (images/min)	A4	—	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15	
	A4 (Quiet Mode)	—	Light (63 g/m² or less): 11 Normal 1 (64 to 69 g/m²): 11 Normal 2 (3) (70 to 105 g/m²): 11 Heavy 1 (106 to 135 g/m²): 11 Heavy 2 (3) (136 to 220 g/m²): 11	
	Letter	—	Light (63 g/m² or less): 15 Normal 1 (64 to 69 g/m²): 15 Normal 2 (3) (70 to 105 g/m²): 15	
	Letter (Quiet Mode)	—	Light (63 g/m² or less): 11 Normal 1 (64 to 69 g/m²): 11 Normal 2 (3) (70 to 105 g/m²): 11 Heavy 1 (106 to 135 g/m²): 11 Heavy 2 (3) (136 to 220 g/m²): 11	
	Legal	—	Light (63 g/m² or less): 13 Normal 1 (64 to 69 g/m²): 13 Normal 2 (3) (70 to 105 g/m²): 13	
	Legal (Quiet Mode)	—	Light (63 g/m² or less): 10 Normal 1 (64 to 69 g/m²): 10 Normal 2 (3) (70 to 105 g/m²): 10 Heavy 1 (106 to 135 g/m²): 9 Heavy 2 (3) (136 to 220 g/m²): 9	
First Print Time (A4, feed from Cassette)		8.5 seconds or less	7.5 seconds or less	
Resolution		600 × 600 dpi/Fast 1200 dpi		
Controller		ARM926EJ 390MHz		
Supported OS		Windows XP, Windows Server 2003/R2, Windows Vista, Windows 7, Windows Server 2008/R2, Mac OS X 10.5 or higher		

* Duplex printing is only possible on the FS-1025MFP, FS-1125MFP and FS-1325MFP.

Scanner Functions

Item	Description
System Requirements	CPU: 20 MHz RAM: 64 MB
Resolution	200 × 200 dpi, 300 × 300 dpi, 400 × 400 dpi, 600 × 600 dpi
File Format	BMP, JPEG, PNG, TIFF, PDF
Scanning Speed (A4 landscape, 300 dpi)	B/W: 18 Images/min Color: 6 Images/min
Transmission System	PC transmission: Scan to Folder TWAIN scan* WIA scan**

* Available Operating System: Windows XP, Windows Server 2003/R2, Windows Vista, Windows 7, Windows Server 2008/R2

** Available Operating System: Windows Vista, Windows 7, Windows Server 2008/R2

FAX Functions

Item		Description	
		FS-1120MFP/FS-1320MFP	FS-1125MFP/FS-1325MFP
Paper Size	Cassette	A4, Folio, Letter, Legal	
	Manual Feed Tray*	—	A4, Folio, Letter, Legal
Compatibility		G3	
Communication Line		Subscriber telephone line	
Transmission Time		4 seconds or less (MMR, ITU-T A4-R #1 chart)	
Transmission Speed		33600/31200/28800/26400/24000/21600/19200/16800/14400/12000/9600/7200/4800/2400 bps	
Coding Scheme		MMR/MR/MH	
Error Correction		ECM	
Original Size		Max. width: 216 mm/8-1/2", Max. length: 356 mm/14"	
Scanner Resolution		Horizontal × Vertical Normal (8 dot/mm × 3.85 line/mm) Fine (8 dot/mm × 7.7 line/mm) Super Fine (8 dot/mm × 15.4 line/mm)	
Gradations		256 shades (Error diffusion)	
Multi-Station Transmission		Max. 100 destinations	
Substitute Memory Reception		150 sheets or more (when using ITU-T A4 #1)	
Report Output		Status Page, Network Status, Outgoing FAX Report, Incoming FAX Report, FAX RX Result, FAX TX Result	

* The Manual Feed tray is only provided on the FS-1125MFP and FS-1325MFP.

Document Processor

Item	Description
Original Feed Method	Automatic feed
Supported Original Types	Sheet originals
Paper Size	Maximum: Folio/Legal, Minimum: A6/Statement-R
Paper Weight	60 to 105 g/m²
Loading Capacity	40 sheets (80 g/m²) maximum

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QUALITY CERTIFICATE

This machine has passed all quality controls and final inspection.

PASSIONATE PEOPLE. FROM ALL OVER THE WORLD.

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